

# Extreme Broadcast Solutions!

## PROBLEM SOLVER CATALOG!

### Markertek Leads The Industry!

**E-Z Embedding!**

Audio Embedding Made Easy on your 4K HDMI Stream!



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**UHD 4K8K**

rearTWIST UHD BNC



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- ✓ SMPTE
- ✓ opticalCON
- ✓ Tactical



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Future Ready DA!



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**REFAX**

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Mind Blowing Image Clarity & Price!



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**DELV CAM**

**This is for Reel!**

Accepts Your Existing SMPTE Cables without Connector Removal!

BIG 1000' Capacity!



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Markertek is THE most important supplier in the broadcast industry. Our massive selection of interface and integration solutions is second-to-none for broadcasting, digital media, IPTV, post-production, education, worship, military, government, live events, virtual and augmented reality. We have all of the newest and most exciting solutions to help you process everything that is reshaping the new reality of media. Don't forget about our custom capabilities for non-standard applications! We are fast and easy to work with.

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# Welcome to Team Markertek

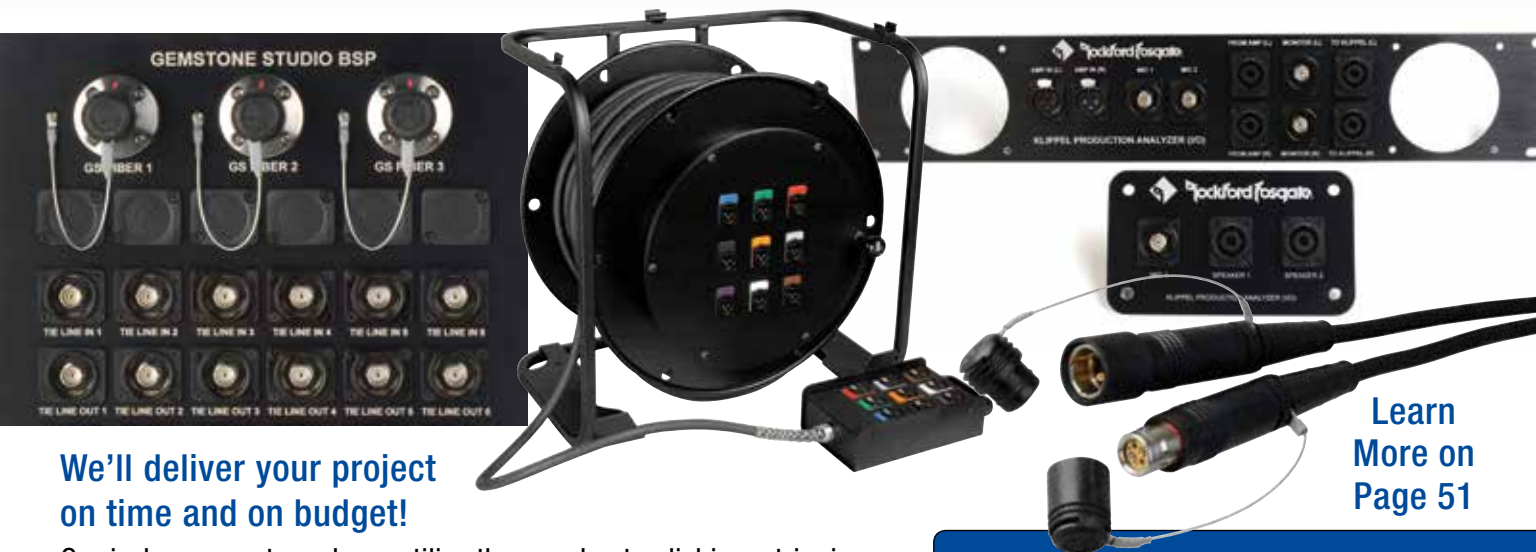
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## Markertek Custom Metal, Fiber & Cable Shops

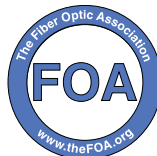


**We'll deliver your project on time and on budget!**

Our in-house custom shops utilize the very best polishing, stripping, laser engraving and metalworking equipment to quickly turn your imagination into reality. By using the latest testing & QC equipment, we ensure that each custom job meets the highest standards of workmanship. Our precision craftsmanship is guaranteed to meet your specifications and exceed your expectations.

**You Think of It. We Build It.**

Markertek is a sustaining member of the following key industry organizations.



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## Blackmagic Design Micro Converters

- Super low cost SDI to HDMI & HDMI to SDI converters in a compact housing
- Full size HDMI and 3G-SDI connections for working with all SD and HD formats up to 1080p60
- Durable metal enclosure designed to be rugged enough to use anywhere
- Professional Blackmagic Design broadcast quality 10-bit video processing
- SDI re-clocking on 3G-SDI input to reduce SDI jitter and improve SDI eye pattern



**BMD-CONVCMIC-SH** • Micro Converter - SDI to HDMI..... **Discount \$85.00**  
**BMD-CONVCMIC-HS** • Micro Converter - HDMI to SDI..... **Discount \$85.00**

## Blackmagic Teranex Mini 12G-SDI to HDMI

- Convert from 12G-SDI to HDMI
- Supports all video formats including SD, HD, 6G and 12G-SDI rates
- Includes down converter when working with Ultra HD as the HDMI monitor will select the best format it can support
- De-embed audio to balanced analog or AES/EBU formats and timecode output
- Perfect for using HDMI televisions as SDI broadcast monitors and for connecting to video projectors



**BMD-CTMAASDIH** • **Discount \$470.25**



## AJA Hi5-4K-Plus 4K SDI to 4K HDMI v2.0 Converter

- (18 Gbps 4K/UltraHD 50/59.94/60) Quad 3G & 1.5G/Dual Link 3G/3G-SDI
- 4 x 3G-SDI inputs
- Support for 4:2:2/4:4:4 HDMI 2.0 output
- HD conversion supported
- Embedded audio support
- Configure via USB port and supplied MiniConfig software
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)

**AJA-HI5-4K-PLUS** • **Discount \$695.00**



## Blackmagic Teranex Mini - HDMI to SDI 12G

- Convert from HDMI to 12G-SDI.
- Works with all video formats including SD, HD, 6G and 12G-SDI rates and includes an up converter for converting HD to Ultra HD.
- Embed audio from balanced analog or AES/EBU and timecode input.
- Ideal for converting HDMI consumer cameras to SDI, or adding SDI outputs to computers with HDMI connections.

**BMD-CTMABHSDI** • Reg. \$495.00 **Discount \$470.25**



## AJA Hi5-Plus 3G-SDI / HDMI Mini-Converters

- Bring HDMI and 3G-SDI devices together for a full range of monitoring and recording solutions in the edit suite, on set or at live events.
- Convenient USB setup using AJA MiniConfig on Mac or PC for easy remote configuration.
- Hi5-Plus is AJA's next generation SDI-to-HDMI Mini-Converter for integrating HDMI monitors into professional SDI workflows
- When used with a compatible HDMI monitor, Hi5-Plus outputs a 30-bit Deep Color RGB signal that allows for incredible color representation.
- The 3G-SDI input on Hi5-Plus allows extremely high-quality signal representation through to the HDMI output for use with RGB workflows where image quality is critical.
- Up to 16-channels of embedded SDI audio are supported on input and can be passed to 8-channel of embedded HDMI audio on the output. Two channels of analog audio output allow direct external monitoring without the need to disembed the audio separately.

**AJA-HI5-PLUS** • 3G-SDI to HDMI Mini-Converter ..... **Discount \$395.00**  
**AJA-HA5-PLUS** • HDMI to 3G-SDI Mini-Converter ..... **Discount \$395.00**

## ENSEMBLE DESIGNS Ensemble Designs BrightEye72 3G/HD/SD SDI to HDMI Converter



- Turn Any Monitor into a High-End Broadcast Monitor
- Built-in Color Corrector - Great for Adjusting Color Temperature of On-Set Monitors
- Broadcast Confidence Monitor Features Including Caption Decoding, Timecode Display, AFD and Audio Level Meters
- H & V Shift for Easy Trouble Shooting • Safe Title/Graticule Overlay
- Mirror Output Mode for On-Camera Talent • Use in Post with 4:4:4 Material
- Analog Audio Outputs • Use with HD or SD Monitors, VTRs and Projectors
- Optical input available on BrightEye 72-F

**ENDE-BE72** • Reg. \$650.00 **Discount \$617.50**

**ENDE-BE72-F** • Receiver • Reg. \$1050.00 **Discount \$997.50**



## AJA Hi5 HD-SDI/SDI / HDMI Video and Audio Converters

- SDI/HD-SDI to HDMI • Full HDMI support including embedded audio
- Additional 2 Channel RCA jack audio output
- Equalized looping SDI/HD-SDI output
- HDMI cable included

**AJA-HI5** • Hi5 HD-SDI/SDI to HDMI ..... **Discount \$345.00**  
**AJA-HA5** • HA5 HDMI to SDI/HD-SDI ..... **Discount \$345.00**

# HDMI / SDI CONVERTERS



## LYNX Technik Yellobrik 3Gbit SDI to HDMI Converter - 3D Support



- Supports SDI video inputs up to 3Gbit/s (1080P)
  - HDMI video output with embedded audio
  - SFP Module Slot for Fiber Input & Output
  - Supports single link 3D formats
  - Automatic input standard and format detection
- Analog and AES audio outputs • Selectable Timecode burn in window  
 • Selectable Metadata indication • 16 channel on screen audio meters  
 • H/V delay to show blanking interval • Selectable safe area markers  
 • yelloGUI compatible: Gain access to additional features

LNK-CDH-1813 • Reg. \$735.00 **Discount \$698.25**

## Apantac HDMI to SDI Converter with Looping Input & Dual Output



- Converts HDMI to SDI with looping input and Dual output
- Built-in simple Multi-format Pattern Generator
- Compatible with Tahoma Multiviewers
- Compact design
- Reclocking DA outputs
- Compatible for 3G/HD/SD-SDI
- Cable reach up to 120 meters for 3G, 140 meters for HD-SDI

**APANTAC**

APA-DA-HDTV-SDI • Reg. \$700.00 **Discount \$629.95**

## Hall Research SDI to HDMI Converter



- Supports resolutions up to 1920x1080 at 60 Hz
- No user settings, plug-n-play
- Rugged, reliable and compact size
- Buffered SDI "Loop" output
- Uses Locking HDMI connector

**HR HALL RESEARCH**

HRT-SC-SDI2HD • Reg. \$229.00 **Discount \$217.55**

## Datavideo HD/SD-SDI to Component/Composite Converter with Built-in Up/Down Scaler and Audio De-embedder

- Converts 3G/HD-SDI input to analogue video and 2 unbalance analogue audio channels
- Two available output combinations: - 1 x YUV output & 1 x CV output - 1 x S-Video (Y/C) output & 2 x CV outputs
- Supports PAL/ NTSC output
- Define de-embedded audio channels sent to analog audio outputs via a DIP switch
- Solid aluminum housing
- Ideal for use with RMK-2 (Rackmount kit) and also MB-4 Battery holder



**datavideo®**

DV-DAC-50S • **Discount \$349.00**

## Decimator Design MD-CROSS V2 HDMI/SDI Cross Converter

- Support both 3G level A and B on the input and output. Allowing conversion between A and B.
- Horizontal and/or Vertical image flipping via the built in scaler.
- 4 x (3G/HD/SD)-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier. Output pair 1 can either be a copy of the SDI input (default) or the same as pair 2.



DEC-MD-CROSS • **Discount \$395.00**

## Marshall Professional HDMI to USB 3.0 Converter with Embedded Audio

- Supported video formats include: 480, 576, 720, 1080
- Supported frame rates include: 23.98, 24, 25, 50, 59.94, 60
- Accepts HDMI embedded audio (48KHz)
- Recognized by a computer as a standard video imaging device plus stereo audio device
- Compatible with Windows 7, 8.1 & 10, many Linux versions, MAC OS 10.8 and above
- Powered from USB 3.0 interface. Type A cable included. HDCP Compliant
- Rugged design. Includes detachable mounting plate



MAR-VAC-11HU3-2 • Reg. \$564.00 **Discount \$470.00**

## Marshall Professional 3GSDI to USB 3.0 Converter with Embedded Audio

- Supported video formats include: 480, 576, 720, 1080
- Supported frame rates include: 23.98, 24, 25, 50, 59.94, 60
- Accepts digital embedded audio (48KHz)
- Recognized by a computer as a standard video imaging device plus stereo audio device
- Compatible with Windows 7, 8.1 & 10, many Linux versions, MAC OS 10.8 and above
- Powered from USB 3.0 interface. Type A cable included



MAR-VAC-11SU3-2 • Reg. \$570.00 **Discount \$480.00**

## Datavideo 3G/HD/SD Cross-Converter

- Can up-convert and down-convert between many 3G, HD, and SD video formats.
- Supports 10-bit processing with high-quality video filtering.
- Built with high-quality standards for low SDI jitter with long SDI cable lengths.
- Multi-channel audio is supported (Up to 8 Channels embedded)



DV-DAC-70 • **Discount \$500.00**

**datavideo®**

## Decimator 2 - Miniature (3G/HD/SD)-SDI to HDMI



- Auto detects 3G, HD or SD (26 Formats in total) and can handle switching of synchronous sources
- Simultaneous scaling on both the HDMI and Composite outputs with a maximum delay of 1 input frame
- HDMI output with optional full scaling and aspect ratio conversion
- Down-converted Composite output
- NTSC or PAL is selectable for 3G/HD inputs
- SD will be passed unchanged.

- Low latency 3G/HD to SD Down-conversion with ARC (Aspect Ratio Conversion) of either: a) 16:9 to 16:9 Anamorphic b) 16:9 to 4:3 Letterbox c) 16:9 to 4:3 Centre Cut (Crop to 4:3)
- Full 10-bit data path and multipoint interpolation
- 16 times over-sampling for Composite Output

**DEC-DECIMATOR-2 • Discount \$345.00**

## Blackmagic Design Mini Converters - SDI / HDMI 4K



- Ultra HD and 6G-SDI Technology
- Standard Audio Connections
- Powerful Performance
- Optical Fiber Conversion
- Highest Quality Processing
- Easy Settings Control

Blackmagicdesign

**BMD-CONVMB5H4K • SDI to HDMI 4K..... Reg. \$295.00 Discount \$280.25**

**BMD-CONVMBH524K • HDMI to SDI 4K..... Reg. \$295.00 Discount \$280.25**

## AT-HD610 DVI with Analog/Digital Audio to HDMI Converter/Embedder



- Allows embedding of DVI and audio onto a single HDMI line
- Compact size and mounting brackets allow for easy installation
- SPIDF and 3.5mm jack for analog audio input
- Easily connect your PC to your home theater setup
- Supports resolutions: up to 1080p or 1920x1200

- Silicon image chip-sets for the best compatibility with 99.99% of the AV gear available
- EDID Learning mode for resolving EDID issues
- HDMI and HDCP 2.0 compliant

**ATNO-HD610 • Discount \$259.99**

## Blackmagic Teranex Mini - Smart Panel

The Teranex Mini's optional premium front panel includes straight forward push buttons and a built in LCD screen for easier set up. The LCD screen also displays the video going through each of your converters! The premium front panel is perfect when you're out in the field or on set without external monitors, or even when you have multiple converters mounted in equipment racks and just want to see what's going through them all!

**BMD-CTMYASMTPN • Reg. \$85.00 Discount \$80.75**

## Decimator MD-HX HDMI/SDI Cross Converter with Scaling and Rate Conversion



- Robust Aluminium Case
- Features 14 Modes
- Includes the same Down Up Cross Converter from our multi-award winning MD-DUCC, allowing either the HDMI or SDI input to be scaled and/or frame rate converted to the required standard.
- Includes 4 x (3G/HD/SD)-SDI outputs, that allow it to be used as a 1 to 4 distribution amplifier. Output pair 1 can either be a copy of the SDI input (default) or the same as pair 2.
- The audio pairs in the SDI and HDMI outputs can be rearranged as required.
- The MD-HX is a truly portable converter, that incorporates our new easy to use LCD and button control system.



**DEC-MD-HX • Discount \$295.00**

## Atomos HDMI / HD-SDI Converters

- Connect H2S2: HDMI to HD-SDI
- Connect S2H: HD-SDI to HDMI
- Test pattern generator
- Timecode & start/stop trigger pass-through
- SDI relocking
- 3:2/2:2 pulldown removal
- Modified (deeper) battery shoe to fit certain monitors & other accessories



**ATO-CONNECT-H2S2 • HDMI to HD-SDI Converter..... Discount \$195.00**

**ATO-CONNECT-S2H2 • HD-SDI to HDMI Converter..... Discount \$195.00**

## Atlona AT-HD420 HDMI to VGA/Component & Stereo Audio Format Converter

- Supports HDMI input and VGA or component output.
- Allows user to select between VGA or component video output interface.
- Supports VGA VESA resolutions up to 1920x1200 or component video up to 1080p.
- Embedded EDID will simplify the installation procedure. The HD420 will sync up with the source and let the source know to start outputting RGB or YPrPb format depending on the output selection and switch audio to stereo or PCM.
- HDMI 1.3, HDCP 1.1 and DVI compliant.
- DVI Compatible. You can use the HD420 for down converting DVI to VGA or DVI to component video



**ATNO-HD420 • Discount \$239.99**



# HDMI / SDI CONVERTERS



## Blackmagic Design Mini Converters - SDI / HDMI

- SDI / HDMI Conversion
- Outputs Embedded HDMI Audio
- Balanced AES/EBU or Analog Audio

**BMD-CONVMESH** • Dual 3G HD-SDI to HDMI Mini Converter

Reg. \$195.00 **Discount \$185.25**

**BMD-CONVMHS** • HDMI to Dual 3G HD-SDI Mini Converter

Reg. \$195.00 **Discount \$185.25**



Blackmagicdesign

## KanexPro HDSIX HDMI to 3G/HD-SDI/ SDI Converter



- Convert an HDMI PC signal or HD camera into an HD-SDI signal
- Network Unlimited Extender for Monitors
- Synchronized output audio video and audio
- Up to eight channels of HDMI audio are passed through to the SDI output
- Fit behind a monitor, in the back of a rack or directly on a camera rig
- Supports signal re-clocking and equalization • SDI runs up to 300 meters
- Support for HD-SDI runs up to 200 meters

**KAN-EXT-HDSIX** • Reg. \$79.95 **Discount \$72.95**

## KanexPro 3G-SDI to HDMI Converter

- Get the highest quality 3G-SDI conversion to HDMI
- Integrated Audio de-embedder for 8-channel / 48KHz audio
- Supports multiple video resolutions: SDI 525i, 625i
- HD: 720p 24, 25,30,50 & 60 Hz.
- HD: 1080i 50 & 60 Hz.
- HD: 1080p 24, 25,30, 50 & 60 Hz.
- Data rates up to 2.97 Gbps
- SDI Input Cable Length Support - up to 300m
- HD mode length up to: 130m
- One way SDI output with re-clock function
- Supports cascading of multiple SDI's in application
- Automatically switches between SD, HD and 3 Gb/s SDI standards

**KAN-EXT-SDHDX** • Reg. \$79.95 **Discount \$72.95**

## KanexPro DVIRLHD DVI with RCA audio to HDMI Converter

- Connect computers and A/V equipped sources with DVI to an HDMI display
- Supports data rates to 6.75Gbps
- Full HD 1080p(1920x1080@60Hz)
- Encodes analog audio signal to HDMI
- HDCP & EDID compliant • Compact size

**KAN-DVIRLHD** • Reg. \$69.95 **Discount \$54.99**



KanexPro

## Ocean Matrix HDMI to 3G SDI Mini Converter with Looping Output

- Broadcast Quality HDMI to SDI converter
- 1080p Compatible
- Dual SDI Outputs / 3G SDI Splitter
- EDID auto detect HDMI Input
- Output (Max bit rate: 2.97G/S)
- SDI Embedded Audio up to 8-Channels

**OMX-HDMI-SDI** • Reg. \$179.95 **Discount \$154.95**



## Ocean Matrix 3G HD-SDI to HDMI Converter

- Auto detect resolution of HD-SDI, SD-SDI and 3G-SDI Input Signal
- Full HDMI support with embedded audio
- Synchronized 48KHz L/R audio output
- Plug and play

**OMX-SDI-HDMI** • Reg. \$79.95 **Discount \$74.95**



## Ocean Matrix Video to HDMI Pro Mini Converter / Scaler

- Convert Analog Composite Video or S-Video with L/R Stereo Audio to a single HDMI Output
- Scales Composite Video or S-Video to HD 1080p
- Front Panel Selectable 720P 50Hz/60Hz or 1080P 50Hz/60Hz HDMI Output
- Selectable Composite or S-Video Input with Simultaneous Live Input Source
- Supports 50Hz to 60Hz Frame Rate Conversion
- Automatic NTSC/PAL Detection

**OMX-CV-HDMI** • Reg. \$79.95 **Discount \$68.95**



## MuxLab HDMI to VGA Converter

- Converts HDMI to VGA
- Supports up to 1080p/1920x1200 Deep Color
- Use HDMI sources with legacy VGA displays
- No external power required
- Supports DVI\* when used with a DVI to HDMI cable

**MUX-500466** • Reg. \$40.00 **Discount \$30.00**



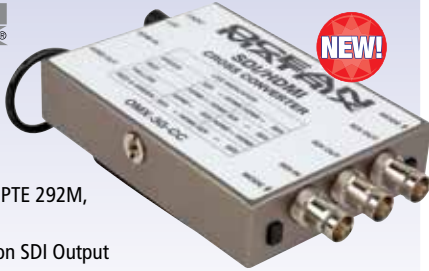
## Blackmagic Design Mini Converter UpDownCross

- Convert Between SD to HD Video Formats
- Up / Down / Cross Conversions
- NTSC / PAL Outputs
- Converts 720p to 1080i or Vice-Versa
- Auto SD/HD Switching
- Advanced 3 GB/S SDI Technology
- Uses 10 Bit SDI Video Quality
- Low SDI Jitter

**BMD-CONVMUDC** • Reg. \$295.00 **Discount \$280.25**



## Ocean Matrix 3G SDI-HDMI Multiformat Cross Converter



**NEW!**

- Enhanced HD Signal Processing Technology
- SDI Input, 2 SDI Outputs, and 1 HDMI Input, 1 HDMI Output
- Complies with SMPTE 424M, SMPTE 292M, SMPTE 259M Standards
- 100 Meter 3G-SDI Transmission on SDI Output
- Supports wide range input voltage from 5V - 24V
- Dual Power Capability - DC adapter or Sony NP F970 Lithium Battery
- Top & Bottom 1/4-20 Threads Convenient Mounting Option
- Power I/O Status Indicator • Super Rugged Housing
- Embedded Audio Compatible • SDI and HDMI Looping Outputs

**OMX-3G-CC • Reg. \$195.95 Discount \$184.95**

## Blackmagic 3G HD-SDI to Analog with Audio Mini Converter



**BEST SELLER**

Blackmagicdesign

- 3G HD-SDI to Analog YUV/S-Video/Composite with D/Conv & AES/Analog Audio
- Everything you need to convert from SDI to analog in HD/SD component, NTSC and PAL video, plus balanced AES/EBU and analog audio
- Easily connect equipment such as Betacam SP, VHS, and analog video monitors to SDI based equipment
- Auto Switching SD and HD
- Supports NTSC, PAL, 1080i/59.94, 1080i/50, 1080psf/23.98, 1080psf/24, 720p/59.94 and 720p/50 formats

- Redundant SDI Input • Built in AES/EBU or Analog Audio

**BMD-CONVMSA • Reg. \$195.00 Discount \$185.25**

## KanexPro 3G/HD-SDI/ SDI to HDMI Converter

- Get the highest quality 3Gb/s SDI conversion
- Supports multiple video resolutions
- Supports multiple Color Space: RGB or YCbCr 4:4:4 sampling
- Data rates up to 2.97 Gbps
- Supports 8 bit, 10 bit & 12 bit color depth
- 8-Channel of 48K sampling rate for digital audio
- One way SDI output with re-clock function
- Automatically switches between SD, HD and 3 Gb/s SDI standards



**BEST SELLER**

**KanexPro**



**KAN-EXT-SDI3GX • Reg. \$174.95 Discount \$169.00**

## AJA ROI-DVI to SDI Converter with ROI Scaling



**BEST SELLER**

**AJA**  
VIDEO SYSTEMS

- DVI to SDI conversion
- Region of Interest scaling
- DVI loop through • Audio embedding
- Aspect ratio conversion • Genlock input
- Configure via USB port and supplied Mini-Config software
- Uses 5-18VDC power (universal power supply included)

**AJA-ROI-DVI • Discount \$995.00**

## Blackmagic Analog to 3G HD-SDI Mini Converter

- Accepts an HD/SD component, NTSC, PAL, or S-video signal and converts it to an SDI output
- Embeds SDI audio from balanced AES/EBU or analog audio inputs
- SDI Video Output - Automatically matches the SD and HD video input
- 2 channels of professional balanced analog audio with standard 1/4 inch jack connections
- Component SD/HD, NTSC, PAL and S-Video
- AES/EBU Digital Audio • Multi Rate Support • Reclocking



**BEST SELLER**

Blackmagicdesign

**BMD-CONVMAS • Reg. \$195.00 Discount \$185.25**

## Decimator Multi-Definition Down Up Cross Converter

- Auto detects 3G, HD or SD (26 Formats in total)
- Full 10-bit data path and multipoint interpolation
- Professional motion-adaptive de-interlacing
- True Down Up Cross conversion, allowing the conversion between any of the supported formats.
- Complete 16:9, 14:9 and 4:3 Aspect ratio conversion support, with individual selection for HD to HD, HD to SD, SD to HD and SD to SD conversions



**BEST SELLER**

**DECIMATOR**  
DESIGN

**DEC-MD-DUCC • Discount \$445.00**

## Grass Valley 3G SDI Multi-Functional Converter/Scaler

- Converts any type of connection to SDI
- Incorporates latest 3G technology
- Latest technology up-scaling
- Integrated frame synchronizer
- DVI input with PC resolution support
- Audio inputs for audio embedding



**BEST SELLER**

**Gv** grass valley

**ADV-C-1 • Discount \$1199.00**

## AJA UDC Up/Down/Cross Mini-Converter

- HD-SDI/SDI to DVI-D
- HDMI 1.3a support (via DVI-D connector), including: - Deep Color 30-bit video (24-bit also supported) - 2 or 8 channels of embedded audio
- Automatically adapts to popular LCD/ DLP/Plasma monitors (and projectors) up to 1920x1200 and 1080p
- High quality scaling engine for proper display of 4:3 or 16:9 content-even better quality than original HDP
- 1 to 1 scaling for appropriate monitor configurations • 2-channel RCA analog audio output (user-assignable channels) • HD-SDI/SDI looping output



**BEST SELLER**

**AJA**  
VIDEO SYSTEMS

**AJA-UDC • Discount \$695.00**

## AJA V2Analog HD/SD-SDI to Component/ Composite Analog Mini-Converter



**BEST SELLER**

- 10-bit AJA quality at a new breakthrough price
- Low power, compact size
- HD/SD-SDI input
- YPbPr/RGB Component or Composite output
- Configurable via USB and AJA MiniConfig software for Mac and PC

**AJA-V2ANALOG • Discount \$345.00**



## Blackmagic Design Smart Videohub 12x12 SD/HD/Ultra HD Mixed Format Router



Blackmagicdesign

- Connect Everything - SD, HD and Ultra HD!
- Connect Your Workstations - Share broadcast displays and decks!
- Mobile Broadcast - Incredibly compact design!
- Supercharge Digital Signage!
- Perfect for multi screen SD, HD, and Ultra HD distribution!
- Connect and share presentation equipment!
- Dub multiple formats without changing cables!

**VHUBSMART6G1212** • 12x12.....Reg. \$1395.00 **Discount \$1325.25**

**VHUBSMART6G2020** • 20x20.....Reg. \$1995.00 **Discount \$1895.25**

## Blackmagic ATEM Television Studio SDI & HDMI 6x6 Switcher

- A versatile 1 RU switcher that's able to live-switch 6 sources with a mix of high-definition HD-SDI and HDMI outputs while applying a frame sync to each input.
- Three keys included in the ATEM Control Panel software allow you to add professional graphics
- Using a green screen, you can even chroma-key a performer against a graphical background - live
- Encoding to H.264 in real time for live internet broadcasts
- Multi-view output • (6) Inputs - Multiple HDMI and HD/SD-SDI



Blackmagicdesign

**BMD-SWATEMTVSTU** • Reg. \$995.00 **Discount \$945.25**

## Blackmagic Design Smart Videohub 40x40 6G-SDI Video Router/Switcher



Blackmagicdesign

- Advanced 40 x 40 multi format SD, HD and Ultra HD SDI router with built in video monitoring and spin knob control
- Fits a massive 80 multi rate 6G-SDI connections in a compact two rack unit size
- SDI Video Input: 40 x 10-bit SD-SDI, HD-SDI and 6G-SDI
- SDI Video Output: 40 x 10-bit SD-SDI, HD-SDI and 6G-SDI.
- Auto detection of SD, HD or 6G-SDI. Simultaneous routing of 4K, HD and SD video.
- Router Control: 40 buttons for local control of Videohub. 6 buttons and scroll wheel for control of LCD display or RJ45 Ethernet.

**BMD-SVH4040** • Reg. \$2995.00 **Discount \$2845.25**

## Blackmagic Smart Videohub CleanSwitch 12x12



Blackmagicdesign

- Compact 6G-SDI router with built in re-synchronizers on all inputs allows clean switching between all video sources of the same video standard
- Can be used as 12 re-synchronizers for automatic re-timing of SDI feeds
- Smart Videohub CleanSwitch supports 12 inputs and 12 outputs in virtually all SD, HD and Ultra HD video formats
- Supports multiple formats on the same router at the same time and will clean switch between multiple formats that match the reference frame rate when the switching is between the same video standard

**BMD-VHSMCS6G1212** • Reg. \$1495.00 **Discount \$1420.25**

**NEW!**

## Marshall 4x1 3G/HD/SDI Switcher



- Rapid switching between up to 4 HD-SDI video feeds, delivering broadcast-quality video over a wide range of formats
- Receives, equalizes, and re-locks up to 4 SDI inputs
- Supports rapid switching between 3G/HD/HD-SDI formats to SDI switched output

## Marshall Electronics

- Output provides re-clocking and equalization
- Front panel, RS-232 serial or IR control allowing flexible system design

**MAR-VSW-2000** • Reg. \$434.00 **Discount \$359.00**



## KanexPro 3Gb/s SDI 2X1 Switch

- Get the highest quality 3G-SDI distribution
- Supports multiple video resolutions
- Supports multiple Color Space: RGB or YCbCr 4:4:4 sampling
- Data rates up to 2.97 Gbps Supports 8 bit, 10 bit & 12 bit color depth

**KanexPro**

- 3G Mode (1080p/60) length support - up to 80m
- SDI Input cable length support - up to 300m • Input / Output equalizer function
- Compact in size, perfect for mobile broadcasting units and users

**KAN-SW-SDI2X1** • Reg. \$109.95 **Discount \$107.99**



## Matrix Switch 3G/HD/SD-SDI 4x1 Mini Routing Switcher



- Dual BNC connectors per output
- DVB-ASI support (not redundant BNC outputs due to inverted signal phase)
- Interactive web page interface

- Vertical interval switching • Video mute on every output
- Store and recall up to 10 presets (complete or partial matrix state recall)
- Includes button control on front panel
- Compact design - 5 x 5 x 1.75 inches weighing less than 2 pounds
- Low power consumption - less than 5VA

**MSC-HD41L** • Reg. \$675.00 **Discount \$588.00**

## Matrix Switch 3G/HD/SD-SDI 8x4 Compact Routing Switcher



- Button control panel interface • DVB-ASI support
- Video mute on every output • Dual BNC connectors per output
- Interactive web page interface • Vertical interval switching
- Store and recall up to 10 presets (complete or partial matrix state recall)
- Passes SDI embedded audio and ancillary data



**MSC-HD84L** • Reg. \$1790.00 **Discount \$1558.00**



**Ocean Matrix 12G-SDI Reclocking 1x6 Distribution Amplifier**

- Supports all SMPTE video formats for HD and UHDTV broadcast requirements
- Six separately buffered and relocked outputs
- Cable equalization and signal retiming
- Supports 2K and 4K SDI transmission
- LED indicators for signal input lock and rate
- Passes all ancillary data
- Automatic input type detection
- Reclocking SDI signals for cascading and longer transmission

**OMX-12GSDI-1X6** • Reg. \$329.95 **Discount \$299.95**



**LEN Passive HD-SDI Single Channel HD Relay**

- Two way HD-SDI digital video signal relay
- Transparent to all HD-SDI and SD formats with data rates up to 1485 MBit
- Size 45 x 30 x 15 millimeters
- Optional rack frame to hold eight relays

**LEN-HDR01** • Reg. \$155.92 **Discount \$127.55**



**LEN 3G-HSDI Passive 1x2 Splitter**

- Miniature passive Splitter - no power required
- Broadcast quality signal up to 3 Ghz
- Size 45 x 30 x 15 mm - less than 30 gm
- Ideal for permanent and temporary installations
- 2 (or more) 3G Splitters can be used in series to provide up to 8 individual feeds over short distances.

**LEN-3GS01** • **Discount \$155.92**



**LEN Passive HD-SDI Single Channel HD Splitter**

- Miniature passive Splitter - no power required
- Broadcast quality signal up to 1500 MHz
- Size 45 x 30 x 15 mm - less than 30 gm
- Ideal for permanent and temporary installations



**LEN-HDS01** • Reg. \$129.96 **Discount \$119.99**

**Blackmagic Teranex Mini - SDI Distribution 12G**



- Distribute a single SDI video input to up to eight SDI outputs.
- Latest multi rate 12G-SDI connections with full SDI re-clocking
- Automatically switch between all SD, HD and Ultra HD formats up to 2160p60.
- Compact size plus professional XLR audio connections
- Multi rate 12G-SDI technology that supports high frame rate Ultra HD up to 2160p60 on a single BNC cable

**BMD-CTRMEADA** • Reg. \$495.00 **Discount \$470.25**

**Ocean Matrix 3G SDI 1x4 Splitter / Distribution Amplifier**

- Supports SD-SDI (270Mbps), HD-SDI (1.485Gbps) and 3G-SDI(2.97Gbps)
- 4 simultaneous SDI outputs
- Equalized & re-clocked transmission and support signal input
- Output distances of up to 400 meters for SD-SDI, 200 meters for HD-SDI and 100 meters for 3G-SDI signal
- DC5V-30V Voltage Input - great for field applications
- SDI Signal Auto-Detect
- SDI input/output: 480i/720p/1080i@60Hz, 576i/720p/1080i@50Hz, 1080p@24/25/30/50/60Hz



**OMX-SDI-1X4** • Reg. \$199.95 **Discount \$189.95**

**Ocean Matrix 3G SDI 1x2 Splitter / Distribution Amplifier**

- Unit will pass embedded audio on the hd-sdi signal
- Supports SD-SDI (270Mbps), HD-SDI (1.485Gbps) and 3G-SDI(2.97Gbps)
- 2 simultaneous SDI outputs
- Equalized & re-clocked transmission and support signal input
- Output distances of up to 400 meters for SD-SDI, 200 meters for HD-SDI and 100 meters for 3G-SDI signal
- DC5V-30V Voltage Input - great for field applications
- SDI Signal Auto-Detect
- SDI input/output: 480i/720p/1080i@60Hz, 576i/720p/1080i@50Hz, 1080p@24/25/30/50/60Hz



**OMX-SDI-1X2** • Reg. \$144.95 **Discount \$137.95**

**Marshall 1x6 3G/HD/SD-SDI Reclocking Distribution Amplifier**



- 3G/HD/SD serial digital distribution
- Six separately buffered and relocked outputs
- Cable equalization and signal re-timing
- Dual color LED indication of input lock and rate
- Passes all ancillary data
- Provides automatic input cable equalization up to 300m (1000ft)@SD, 150m (500ft)@HD/3G

**Marshall Electronics**

**MAR-VDA-106-3GS** • Reg. \$189.00 **Discount \$158.00**

**Gra-Vue MMIO 1x4 HD/SD-SDI ReClocking Video Distribution Amplifier**

- Support 3G HD/SD-SDI
- Auto-detect input format
- Multi-rate reclocking
- Support embedded audio, and amplify with 20 bit processing
- LED indicates input signal locking & power status



**GFE-MMIO-VSD-HD**  
**Discount \$289.00**





## Freakshow HD 1x2 4K 3G-12G HD-SDI Reclocking Video Distribution Amplifier



• Output return loss: Return loss -6dB at 12G, -8.5dB at 6G, -15dB at 3G, -23dB at HD/SD

**FREAKS-1X2DA-4K • 1x2 Reclocking DA ..... Discount \$289.00**

**FREAKS-1X4DA-4K • 1x4 Reclocking DA ..... Discount \$429.00**

## AJA 1x4 High Definition Video Distribution Amplifier



- Formats: 1.5Gb, 143, 177, 270, 360 Mb, Auto Select
- Inputs: 1 HD-SDI, SDI (SMPTE 292/296), 1x BNC
- Outputs: 4 HD-SDI, SDI, 4x BNC, Equalizing
- Return Loss: >15dB-270Mhz (Input and Output)
- Power: 5VDC Regulated, 2.5 Watts

**AJA-HD5DA • Discount \$195.00**

## AJA 3GDA 1x6 3G/HD/SD Reclocking Distribution Amplifier

- Compact SD/HD Distribution
- Six Separately Buffered Outputs
- Miniature Size
- 120m 3G cable equalization (1694 coax)
- 3G HD-SDI, HD-SDI or SDI input, auto sensing
- Passes all ancillary data
- +5-18V power requirements

**AJA-3GDA • Discount \$395.00**



## ETS HD-SDI 1x2 Splitter 1 Female BNC to 2 Female BNC

- Designed to split a SMPTE 292M video signal into two full-quality broadcast video signals and send them over RG59 coax up to 450 feet.
- The two FBNCs can passively split the signal and send the HD-SDI video signal out the 'out' FBNC to video monitors or other digital devices up to 75 feet.
- Enables two outputs from a single source without interference or impedance mismatching.
- Individual splitters or rack-mountable panel up to 16 units.
- Expandable according to production studio requirements.
- Fully tested • Sturdy compact metal case.
- 100% tested USA made.

**ETS-PV991 • HD-SDI Splitter • Reg. \$159.99 Discount \$124.95**

**ETS-PV992 • 3G HD-SDI Splitter • Reg. \$250.00 Discount \$162.95**



## Freakshow HD 2x4 SW DA 2x4 3G HD-SDI Reclocking Video Distribution Amplifier



- A complete video assist system in a box. Two inputs, 4 outputs, re-clocking, switching, and equalizing all in a compact internal Battery powered package
- Switch between A and B 1x4 modes as well as 2x4 mode to provide maximum signal flexibility
- Re-clocked and equalized output extends two 3Gb signals over 400ft. each
- 3Gb-270Mb SDI Auto Select
- 12 Hour rechargeable li-ion battery

**FREAKS-2X4SWDA • Discount \$489.00**

## Theatrix xVision 1x4 SDI Video Distribution Amplifier



- Send 3G-SDI sources to 4 fully relocked and amplified outputs up to 330 feet
- Integrated power supply with locking PowerCON connector with built-in convenience 120V outlet to power other devices
- Magnetic stacking system
- Multiple mounting options: C-Clamp, wall-mount adapter, LCD mount adapter and belt adaptor
- Clear and ample status LED indicators for quick troubleshooting
- Easy on-the-field identification with unique color and alphabetic coding system
- All outputs fully relocked and amplified

**TTX-XV-SDIDA • Reg. \$680.46 Discount \$510.00**

## AJA 1x6 HD/SD Dual Rate Reclocking DA

- Compact SD/HD Distribution with re-clocking
- Six Separately Buffered Outputs
- 125m HD cable equalization (1694 coax)
- HD-SDI or SDI input, auto sensing
- Bi-color LED indication of input lock and rate
- Passes all ancillary data

**AJA-HD10DA • Discount \$345.00**



## Blackmagic Design 1x8 3G SDI DA Mini Converter

- (1) SDI Input, (8) SDI Outputs
- 3G/HD/SD-SDI Auto-Switching Input
- Re-Clocked Outputs
- Ancillary Data & Embedded Audio
- 1080p & 2K Distribution
- Supports ASI Signals

**BMD-CONVMSDIDA • Reg. \$195.00**

**Discount \$185.25**



## Blackmagic Design Mini Converter - SDI Distribution 4K

- Ultra HD and 6G-SDI Technology
- Standard Audio Connections
- Powerful Performance
- Optical Fiber Conversion
- Highest Quality Processing
- Easy Settings Control

**BMD-CONVMSDIDA4K • Discount \$280.25**



# BLACKJACK 4K Camera Mounted Fiber Transport System



**Any Camera!**

**4K**

**Utilizing**

Blackmagicdesign 

**ATEM Optical Fiber Camera Converter**

Save thousands over conventional camera mounted fiber systems by ordering the BLACKJACK camera back fiber interface! The BLACKJACK utilizes the famous Blackmagic ATEM fiber camera converter (ordered separately) featuring 2 channels of bidirectional video, talkback, mic inputs & tally for any SDI or HDMI camera or camcorder! The BLACKJACK ruggedizes the ATEM with a heavy duty Neutrik opticalCON broadcast connector for real world field production. The BLACKJACK also has many low cost camera mount (V-Lock, Anton Bauer, Rail & More) & power options. Complete BLACKJACK systems are available as well as custom length fiber cable reels & other solutions all designed to lower the cost of on-camera broadcast fiber!

- **Any Camera or Camcorder**
- **4K Broadcast Quality Up to 28 Miles Over Low Cost Optical Fiber**
- **Perfect for Sports Video, ENG, OB, Arenas & More!**
- **Rugged, Lightweight, Fast & Easy to Deploy**
- **Converts ATEM Dual LC Fiber Output to Robust Neutrik opticalCON Fiber Broadcast Connector**

**BLACKJACK-1 • \$299.95**

**LOW COST 4K FIBER!**

**BlackJack Sandwich Adapter Plates**



Each sandwich adapter plate mounts on either or both sides of the BlackJack camera adapter.

<b>BLACKJACK-SAN1</b>	Additional accessory cheese plate	<b>\$36.95</b>
<b>BLACKJACK-SAN2</b>	V-Mount Block Plate (no power)	<b>\$54.95</b>
<b>BLACKJACK-SAN3</b>	V-Mount Battery Power Plate	<b>\$179.95</b>
<b>BLACKJACK-SAN4</b>	V-Mount Battery Adapter Plate	<b>\$189.95</b>
<b>BLACKJACK-SAN5</b>	Anton-Bauer Battery Power Plate	<b>\$189.95</b>
<b>BLACKJACK-SAN6</b>	Anton-Bauer Battery Adapter Plate	<b>\$164.95</b>
<b>BLACKJACK-RAP</b>	15mm Rod Adapter Plate	<b>\$84.95</b>

**opticalCON Tac Snake for ATEM Converters - 500 Foot**



500-Foot opticalCON DUO to opticalCON DUO 2 Channel Broadcast Fiber Cable on Special Fiber Cable Reel (supplied).



**TACTICAL!**



**HF-TROC2S-0500 .....Discount \$1265.28**

**Other Lengths Available from the TecNec Neutrik opticalCON Certified Fiber Optic Shop!**

**4 channel opticalCON Interface to LC Fiber 1RU**

**BLACKJACK-40PLC .....Discount \$549.95**



**ATEM Headset Push-To-Talk Belt-Clip Adapters**



**ATEM Headset Push-to-Talk Belt-Clip Active Adapter 4-Pin Female XLR**

The BlackJack APPT series are active Push-To-Talk inline remotes for use with the BlackMagic Design ATEM Camera Converter. The active circuitry of the APPT units make the ATEM party line a fully functional professional intercom including the use of professional headsets. The active components also allow for gain and headroom. You can finally hear everyone through the ATEM system in any loud environment.

**BLACKJACK-APTT1 .....Discount \$399.95**



**\$119.95**

**BLACKJACK-PTT1 • 4-Pin Female XLR**

**BLACKJACK-PTT2 • 4-Pin Male XLR**

**BLACKJACK-PTT3 • 5-Pin Female XLR**

**BLACKJACK-PTT4 • 5-Pin Male XLR**



**NEW!**

# FIBERGIG<sup>®</sup> BY CAMPLEX

## CAMPLEX<sup>®</sup> Brand Fiber Gear

The FiberGig Series is designed to send Broadcast 3G-SDI & Gigabit Ethernet signals over long distance transmission fiber optic cable at sports venues, concerts and other live broadcast events. Systems support cable runs up to 12 miles utilizing Complex tactical fiber or opticalCON runs.

- ➔ Convenient single rack unit enclosure with front panel connections
- ➔ Standard IEC 110/240vac 50/60Hz power inlet on back panel
- ➔ Singlemode fiber connection
- ➔ Automatic cable equalization and re-clocking
- ➔ Extends transmission capability up to 12 miles (20km)
- ➔ Lightweight, yet rugged, aluminum cabinet



CMX-FG500



CMX-FG600



CMX-FG700

### Complex FiberGig 2-Channel 3G-SDI

Two Channel Broadcast 3G-HD/SDI Video, Bidirectional (return video), Looping Outputs at Send & Receive Ends

- 3G-SDI 2 channel bidirectional video transmission
- Supports HDTV (1.485Gbps, and 3Gbps, 1080p60), SDTV (143-540Mbps) resolutions

The Complex FiberGig CMX-FG500 delivers 2-channels of 3G-SDI via fiber transport over singlemode fiber optic cable. The unit is bidirectional (for return video), is housed in a rugged rackmount enclosure and combines all signals over one opticalCON quad connector. The transport system is engineered for long haul video extension up to 12 miles. The system features looping outputs with each input for local monitoring or recording and dual outputs per receiver. Automatic equalizing and re-clocking ensure a crisp, clean signal over long distances making it ideal for live events, rental and staging, or building a broadcast infrastructure.

opticalCON Quad I/O

CMX-FG500 • Reg \$2999.95 **Discount \$2879.95**

ST Fiber I/O

CMX-FG550 • Reg \$2699.95 **Discount \$2589.95**

### Complex FiberGig 2-Channel 3G-SDI & Gigabit Ethernet

Two Channel Broadcast 3G-HD/SDI Video and 1-Channel Bidirectional Ethernet

- 2 Channels 3GSDI and 1 Channel [RJ45 Port] GigE
- Ethernet spec meets DANTE requirements 802.3at/af
- Gigabit Ethernet features up to 1000BaseT to 1000Base-LX10 GbE fiber support
- RJ45 to Fiber Ethernet Converter Port

The Complex FiberGig CMX-FG600 sends 2-channels of 3G-SDI video alongside bidirectional Ethernet via fiber transport over a singlemode fiber optic cable. The 3G-SDI portion of the system features looping outputs with each input for local monitoring or recording at each end. Automatic equalizing and re-clocking ensure a crisp, clean signals. The Ethernet Channel in the FG600 is bidirectional and supports DANTE IP audio networking signals making it ideal for live sound venues or anywhere audio needs to be transported on an IP network.

opticalCON Quad I/O

CMX-FG600 • Reg \$2499.95 **Discount \$2399.95**

ST Fiber I/O

CMX-FG650 • Reg \$2249.95 **Discount \$2179.95**

### Complex FiberGig 2-Channel Gigabit Ethernet

802.3at/af with Full Support of Dante IP Audio Networking

- Up to 30 watts of power per port via PoE standards
- Gigabit Ethernet features 1000BaseT to 1000Base-LX10 GbE fiber media conversion
- Ethernet spec meets DANTE requirements 802.3at/af

The Complex FiberGig CMX-FG700 delivers 2-channels of bidirectional Ethernet via fiber transport over singlemode fiber optic cable. The FG700 is bidirectional and supports DANTE IP audio networking signals making it ideal for live sound venues or anywhere audio needs to be transported on an IP network. It fully supports the 802.3at/af protocol, is housed in a rugged rackmount enclosure and sends signals over opticalCON cable runs. The transport system is engineered for long haul extensions up to 12 miles.

opticalCON Quad I/O

CMX-FG700 • Reg \$1699.95 **Discount \$1629.95**

ST Fiber I/O

CMX-FG750 • Reg \$1599.95 **Discount \$1519.95**



CMX-FG550



CMX-FG650



CMX-FG750

## Blackmagic Design Mini Converter Bi-Directional Transceiver SDI to LC Optical Fiber Extender



Blackmagicdesign

- SDI to Optical Fiber Conversion
- Bi-Directional Capability
- Advanced 3Gb/s SDI Technology
- Automatic Switching SD and HD
- High-Speed USB 2.0 Port
- Includes Universal Power Supply

**BMD-MCOF • Discount \$185.25**

## AJA FiDO Series Fiber / SDI Converters

- Transport of SDI, HD-SDI, and 3G HD-SDI over single mode optical fiber
- Auto-detection of video format
- All SDI Ancillary data including embedded audio is passed
- LC fiber connectors
- Simplex or duplex models available
- All inputs, either SDI or fiber, are equalized and re-clocked
- Useful for eliminating ground loop problems



AJA-FIDO-T-ST

**AJA**  
VIDEO SYSTEMS

- ASI compatible
- AJA-FIDO-2R • Dual Channel Fiber to SDI Receiver..... Discount \$645.00**
- AJA-FIDO-2T • Dual Channel SDI to Fiber Transmitter..... Discount \$645.00**
- AJA-FIDO-R-ST • 1-Channel ST Fiber to SDI Converter with Dual SDI Outputs..... Discount \$445.00**
- AJA-FIDO-T-ST • 1-Channel SDI to ST Fiber Converter with Looping SDI Out..... Discount \$445.00**
- AJA-FIDO-TR • AJA FIDO-TR SDI/Fiber Transceiver ..... Discount \$645.00**

## AJA Hi5-Fiber HD/SD-SDI over Fiber To HDMI Video and Audio Converter

- Fiber optic HD/SD-SDI to HDMI
- Supports single mode 1310 nm fiber optic cable with ST receiver
- Full HDMI support including embedded audio
- Additional 2 Channel RCA jack audio output
- No configuration necessary
- HDMI V1.2 standard
- 1m HDMI cable included
- 5 year warranty



**AJA**  
VIDEO SYSTEMS

**AJA-HI5-FIBER • Discount \$695.00**

## LYNX Technik 4k (12G) Fiber Transmission System



- Support for 4 independent 3G/HD/SD-SDI channels
- Transport 4K (uncompressed) up to 20km (12 miles)
- Each channel supports resolutions up to 1080p/60Hz

**LYNX**Technik  
**yellobrik**

- Each channel individually relocked
- Embedded audio / metadata support
- Integrated expansion port for future use
- LED indicators for channel activity and power
- Fiber LC Connectors

**LNX-OTR-1441 • Reg. \$5225.00 Discount \$4963.75**

## Thor Fiber Single Channel HD-SDI Transmitter & Receiver Kit Over Singlemode Fiber ST/PC 20km



- Supports full rate HD-SDI @ 1.5Gbps or lower SDI or ASI digital video
- Transports embedded audio channels as well as SDI ancillary data
- Return path serial RS-485 channel for controlling equipment on Tx end
- Link alarm indicators on both Tx & Rx indicate a problem with the fiber

**THR-M1SDI-TX-RX • Discount \$349.00**

**THR-M4SDI-TX-RX • 4 Channel Kit**

**Discount \$2495.00**

**THOR**

## Artel FiberLink SDI Beamer 3G/HD/SD-SDI over Fiber Extender Tx/Rx Kit



- Internal Battery/DC Powered 3G/HD/SD-SDI over Fiber
- Supports 3G, HD and SD-SDI data rates per SMPTE specifications and works with both Single Mode and Multimode fiber
- Equalized transmitter input and re-clocked receiver output
- Supports 3G/HD/SD-SDI and DVB-ASI transmission

- SMPT E compliant electrical and optical inputs and outputs insures interoperability
- Industry preferred ST optical connector with chain-attached ST dust cap
- Long 5 hour battery life
- Glitch-less battery backup when using external power source and internal 9 volt battery

**CSI-SDI-BEAMER • Reg. \$1075.00 Discount \$929.95**

## LYNX Technik Yellobrik SD/HD/3G Dual Channel SDI to Fiber Converter

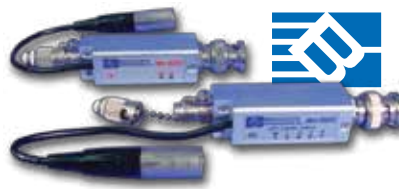


- Dual Channel - 2 Independent SDI to Fiber Transmitters
- Supports SDI video inputs up to 3Gbit/s (1080p60)
- Reclocking at 270Mbit - 1.5Gbit - 3Gbit (auto-detect)
- Error free optical transmission
- Up to 10Km (6.2 miles) @ 3Gbit (Singlemode)
- LC/PC optical connection
- 1310nm Wavelength (both channels) -5dBm
- Supports hot swapping and hot plugging

**LNX-OTT-1812 • Reg. \$599.00 Discount \$569.05**

**LYNX**Technik **yellobrik**

## Broaddata Mini 3G HD-SDI Over ST Fiber Extender System



- Transport Multi-rate HD-SDI Digital Video Over Fiber
- Reliable Transmission Over Multimode or Singlemode Fiber
- Video Pathological Test Code Compliant
- Latch-Locking Power Connector

- Same Model Compatible for either Multimode or Singlemode Fiber Applications
- Remote 3Gb/s SDI Video Transport
- ENG/EFP 3Gb/s SDI Video Transmission
- Pre-production and Post-production 3Gb/s SDI Video Links

**MINI-3GHD-TRMST • Reg. \$1400.00 Discount \$1120.00**

# 3G-SDI / FIBER EXTENDERS



## Telecast Rattler 4 Fiber Optic Transmission Kit 3G HD-SDI Over 1310nm ST



- 3 Gbps SMPTE 424M HD-SDI
- 1.5 Gbps SMPTE 292M HD-SDI
- 19.4 Mbps SMPTE 310M
- 143 to 540 Mbps SMPTE 259M/344M
- DVB/ASI 270 Mbps
- AES and MADI audio
- Standard formats internally

relocked: 270 Mbps, 1.5 Gbps and 3 Gbps

- Up to 50 km distance • Quick, easy installation • Supports embedded audio
- Power from 5-16 VDC • Very low system jitter • >10 dB return loss at 3 GHz

**RAT4-KIT1-T-MXLR • Reg. \$1995.00 Discount \$1922.70**

## Telecast Rattler 4 Fiber Optic Transmission Kit optical (ST, -22 dBm) in to electrical (BNC) OUT

- 19.4 Mbps to 3 Gbps
- Compatible with SMPTE 310M, 292M
- 259M, 297M, 424M
- Standard formats internally relocked
- 270 Mbps, 1.5 Gbps and 3 Gbps
- 18 CWDM wavelengths • Up to 50 km distance
- Cool, efficient, reliable • Quick, easy installation
- HD-SDI data presence • Rx optical power levels • Supports embedded audio
- Power from 5-16 VDC • Very low system jitter • >10 dB return loss at 3 GHz



**RAT4-OE-MXLR • Reg. \$895.00 Discount \$873.50**

## Artel FiberLink Singlemode & Multimode 4 Channel 3G-HD Fiber Box with ST Connectors



- Supports 4K/UHD
- 3G/HD/SD-SDI
- HDTV Resolutions to 1080p
- Multiple Video Channels
- Single Mode Fiber • Multimode Fiber
- Box and Card • ST Connectors



**CSI-3514-B7S • Transmitter.....Reg \$4495.00 Discount \$4270.49**

**CSI-3515-B7S • Receiver.....Reg \$4495.00 Discount \$4270.49**

## Artel FiberLink 3G-SDI / DVB-ASI with ST Connectors



- Transmit 3G, HD or SD-SDI as per SMPTE 424M-2006, 292 and 259, with or without embedded audio and data, as well as DVB-ASI over one single mode or multimode fiber
- Signals are equalized and re-locked prior to fiber optic transmission

- Re-locked and equalized SDI loop through • 3351 receiver features two re-locked and equalized SDI outputs • Professional ST Connectors

**CSI-3350-B7S • Transmitter.....Reg. \$995.00 Discount \$945.49**

**CSI-3351-B7S • Receiver.....Reg. \$995.00 Discount \$945.49**

## Camplex CMX-3G-4SDI 4-Channel 3G-SDI Multiplexer Over Singlemode Fiber Extender



The Camplex CMX-3G-4SDI multiplexer simplifies 3G-SDI distribution by combining up to 4 cameras or sources and converting them to a one singlemode fiber run. Not only will the CMX-3G-4SDI overcome the longest of traditional coaxial distance limitations, but will also overcome signal loss and interference issues inherent in a long length copper cable. The conversion to a single fiber run saves install time making shoots quicker to set up and more cost effective versus running 4 separate camera feeds.

The CMX-3G-4SDI is a complete transmitter and receiver kit delivering plug-and-go operation right out of the box. Each unit houses industry standard ST locking fiber connectors as well as XLR power connections. The transmitter and receiver support SMPTE-424M 3Gbps HD-SDI for transmission up to 6 miles. Add in a Camplex tac reel and you're ready for any 4 camera shoot at sports venues, live productions or public access events.

**CMX-3G-4SDI • Reg. \$2999.95 Discount \$2789.95**

## Tac-N-Go HD-SDI & HDMI Over Fiber Tactical Reels Video & Long Run Fiber Reel in One Field Deployable Package!

Convert and extend your 4K, 3G-HD or HDMI signals over 1000 feet of tactical fiber optical cable using Camplex Tac-N-Go systems. Complete cost effective, field deployable fiber optic converter systems built in to a tactical fiber cable reel system from Camplex. Tac-N-Go systems feature a built-in transmitter on the cable reel. Deploy as much fiber as you need - up to 1,000 feet - and connect your receiver at the head end. How simple is that!

Super rugged cable reels and tactical grade fiber optic cable deliver the handy convenience of rapid field deployment in any environment. Whether its a recorder, monitor, projection system or any other device - the Tac-N-Go system is perfect for extended use of HDTV, LCD monitors, digital projectors, plasma TV's and more. Systems feature professional ST Fiber connectors to give you the added assurance that you're always connected.



**Systems include Tx, Rx, 1,000 Foot Tactical Fiber Reel.**

**CMX-TACNGO-HDMI** Camplex HDMI Over Fiber System.....\$899.95

**CMX-TACNGO-SDI** CSI Battery Powered Beamer 3G-SDI System .....\$1799.95

**CMX-TACNGO-HSDI** 3G HD-SDI System.....\$1389.95

## Camplex 3G-SDI / DVB-ASI to Fiber Optic Converter Extender

- 3G/HD/SD-SDI transmitter and receiver
- Simplex LC singlemode fiber connection
- Automatic cable equalization and re-clocking
- 1 channel video and audio transmission of digital video signal over fiber
- Extends transmission capability up to 12.43 miles
- Lightweight, yet rugged, aluminum housing



**CMX-3GSDI-LCF • Reg. \$549.95 Discount \$495.00**

**CMX-3GSDI-STF • ST SFP Module version of above**

**Reg. \$799.95 Discount \$749.95**



## Kramer 4K UHD HDMI & Computer Graphics Automatic Video Switcher



- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- Max. Resolution - Up to 4K UHD and WUXGA, including 4K @60Hz (4:2:0).
- HDTV Compatible.

- HDMI Support - Deep Color, x.v.Color and 3D.
- Automatic Live Input Detection • Automatic Input Selection
- Manual Input Selection. • Step-in Support. • Automatic Analog Audio Detection & Embedding.

**KR-DIP-30 • Reg. \$845.00 Discount \$676.00**

## Kramer 2x1 Automatic HDMI Standby Switcher

- Max. Data Rate: 6.75Gbps (2.25Gbps per graphic channel)

- HDMI & HDCP Compliant
- HDTV Compatible

- Advanced Auto Switching: Based on video clock detection

- Automatic Output Shutdown • 3D Pass Through • EDID signals from display to source • Audio Return Channel (ARC) Pass Through • Parallel Unbalanced Stereo Audio Switching



**KR-VS-211HA • Reg. \$295.00 Discount \$236.00**

## KanexPro UltraSlim 4K HDMI 4x1 Switcher with Audio De-embedder & RS-232

- Ultra Slim 4x1 HDMI Switcher with 4K UHD resolutions • Supports UHD 4K/30Hz resolutions
- Transmit HD 1080p up to 15m (50ft). • High-bandwidth 10.2 Gbps • Auto-identifies input resolutions to match displays
- Supports EDID management automatically to adapt to the resolution from the first detected display from port 1 to 4



**KanexPro**

**KAN-SW-4KSLIM4X1 • Reg. \$199.95 Discount \$149.95**

## KanexPro Ultra-Fast 4x4 HDMI Matrix Switcher 4K/60Hz



**KanexPro**

- Cross-switch 4 HDMI inputs to 4 HDMI outputs with 4K @60Hz

- Four independent S/PDIF audio for Audio De-embedding from HDMI • Distribute 4Kx2K@60Hz signal up to 15m
- Supports standard 1080p & WUXGA resolutions up to 2560x1080@60Hz
- HDCP 2.2 Compliant • Smart EDID DIP switch for proper display output
- Supports latest High Speed HDMI Specifications

**KAN-HDMX44-4K • Reg. \$999.95 Discount \$789.99**

## ATEN 4x1 HDMI Video Switcher with RS232 Control

- Allows up to four HDMI A/V source to be connected to one HDMI display
- Toggle between A/V sources using remote control or front panel push buttons
- Up to 60 Hz refresh rate • Long distance transmission - up to 20m (24 AWG)



**ATEN**

**ATEN-VS481A • Reg. \$75.00 Discount \$65.95**

## Kramer 2x1 HDMI Switcher



- Max. Data Rate - 2.25Gbps.
- HDTV Compatible
- HDCP & HDMI Compliant
- Kramer Equalization & re-Locking Technology - Rebuilds the digital signal to travel longer distances
- Passes EDID/HDCP signals from source to display
- HDMI Support - HDMI (V.1.4 with Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC)
- Active Input & Output LED Indicators

**KR-VS-21H-IR • Reg. \$295.00 Discount \$236.00**

## Kramer 4x1 HDMI Switcher RS-232 & Ethernet Control

- Maximum Data Rate - 1.65 Gbps.
- HDCP Compliant
- Enhanced EDID (Extended Display Identification Data)
- Dual Mode - PC and DVD Modes selectable by input
- Flexible Control Options- Front panel, IR Remote, RS-232 & Ethernet
- Video Disconnect • Front Panel Lockout
- Inputs: 4 HDMI Connectors • Output: 1 HDMI Connector



**KR-VS-41HDMI • Reg. \$540.00 Discount \$432.00**



## AV Tool 3-Input HDMI Routing Switcher & Multiformat HDMI Converter



- Switches between HDMI and Analog Signals
- Inputs: 3x HDMI, 1x PC, 2x YPbPr & 2x CV/SV
- Outputs: 1x HDMI

- Audio Inputs for all Analog Video Inputs • Supports PC Resolutions to SXGA
- Supports HD Resolutions to 1080p • HDMI 1.3 and HDCP 1.1 Compliant

**AVT-6071 • Discount \$349.00**

## Ocean Matrix 5x1 HDMI Switcher

- A high performance 5x1 HDMI switcher with remote control.
- Simple remote control operation for selecting a desired HDMI source to be routed to a high definition HDMI display.
- Switcher is tested to guarantee resolution up to 1080p without signal degradation.
- HDMI v1.3b and 1080P@24Hz 3D source support.



**OCEAN MATRIX**

**OMX-HDMI-5X1 • Reg. \$69.95 Discount \$64.95**

## PureLink HDS-21RS 2 x 1 HDMI Switcher with Scaling

- Switch easily between any two HDMI sources
- Don't Blink Seamless Switching Technology with Auto-scaling
- Multi-viewer with PIP (picture in picture) display technology
- Device selection via front panel buttons, IR remote control, and RS-232



**PureLink™**


**PLK-HDS-21RS • Discount \$189.99**



# HDMI SWITCHERS



**Kramer 2x1 Automatic 4K UHD HDMI Standby Switcher**




- A high-performance automatic switcher for 4K@60 UHD (4:4:4) HDMI video signals
- Offers priority and last-connected switching options

- Automatically switches according to the selected switching scheme based on active video signal detection
- Includes actual video output detection and not just 5V connections, enabling more reliable switching
- Max. Data Rate: 17.82Gbps (5.94Gbps per data channel)
- Resolution Support: 4K@60 UHD (4:4:4) • HDMI & HDCP 2.2 Compliant

**KR-VS-211H2 • Reg. \$480.00 Discount \$384.00**

**Kramer 9-Input ProScale HDMI Presentation Scaler / Switcher**



- Silicon Optix HQV Video Processing • High quality 3:2 and 2:2 pull down de-interlacing and full up and down scaling of computer graphics video input signals.
- HDTV Compatible • HDCP Compliant • Fade-Thru-Black (FTB) Switching
- K-IIT Picture-in-Picture Image Insertion Technology
- Video Inputs - 4 universal video each on 3 RCA, 2 computer graphics video, 2 HDMI and 1 USB
- HDTV Compatible Component Input. • Scaled Video Outputs - HDMI & 15-Pin HD.
- HDTV Output Resolutions - 480p, 576p, 720p and 1080i, 1080p.

**KR-VP729 • Reg. \$1795.00 Discount \$1436.00**

**Kramer Presentation Switcher/Scaler with 4 HDMI and 2 VGA Inputs**



- Max VGA Resolution - 1920x1200 @60Hz.
- Output Resolutions - Up to UX-GA/1080p output resolutions.
- Microphone Input - For mixing, switching or talk-over.
- Companion AFV (Audio-Follow-Video) - Stereo audio for every input, on terminal blocks. • Audio - Unbalanced stereo and embedded audio for HDMI/HDBT with individual input level controls.
- Multiple Aspect Ratio Selections - Full, best fit, overscan, underscan, letter box and panscan. • DSP technology including audio equalization, mixing, delay, etc.
- Built-in ProcAmp - Color, hue, sharpness, noise, contrast and brightness.

**KR-VP-440 • Reg. \$1195.00 Discount \$956.00**

**GefenTV 4x1 HDMI Switcher**




- Supports resolutions up to 1080p Full HD and 1920x1200
- Supports 3DTV Pass-Through
- Supports LPCM 7.1 audio,

**Dolby Digital Plus, Dolby TrueHD, and DTS-HD Master Audio**

- Local Switching / Auto-Switching feature • RS-232 control • IR remote control
- Supports DVI sources and DVI displays with an HDMI-to-DVI adapter
- Energy Star Compliant

**GTV-HDMI13-441N • Discount \$149.50**

**Atlona 4K/UHD 5 Input HDMI Switcher**



- Two, Ethernet-enabled HDBaseT Inputs
- Mirrored, dual outputs on HDMI and HDBaseT
- Automatic display control using Consumer Electronics Control (CEC)\*, IP, and RS-232
- Automatic input selection using video detection technology
- IR, RS-232, and Ethernet HDBaseT insertion
- EDID and HDCP management • 4K/UHD capability

**ATNO-UHDSW5000ED • Discount \$1549.99**

**Atlona 4K/UHD 5 Input HDMI Switcher with Auto-Switching**



- Supports high-resolution applications such as CAD, desktop publishing, and detailed financial reporting
- Auto-switching
- TCP/IP, RS-232, and IR control
- EDID Management
- HDCP Management
- Easy, GUI-based configuration using integrated web server
- ARC - Audio Return Channel • Multi-channel audio compliant
- The AT-UHD-SW-51 is ideal for use in applications where 4K video switching must be added to AV systems with upgraded 4K displays and sources that were designed around a high end audio processor/switcher limited to 1080p.

**ATNO-UHD-SW-51 • Discount \$499.99**

**Atlona 4x1 HDMI Switcher**



- High speed digital performance connection between four sources and a video display without signal degradation.
- Built in pass through for HDMI Ethernet Channel and Audio Return Channel over a single cable.

**ATLONA Connecting Technology**

- Bi-directional HDMI Ethernet Channel
- Audio Return Channel
- Full 3D pass through capabilities. • Picture Perfect Quality

**ATNO-AT-HD4-V41 • 4x1 HDMI Switcher ..... Discount \$359.99**  
**ATNO-HD4-V42 • 4x2 HDMI Switcher..... Discount \$479.99**

**Gefen 4K Ultra HD 8x8 Matrix for HDMI**



- Routes eight 4K Ultra HD sources to eight displays
- Supports resolutions up to 4K DCI (4096 x 2160 at 24 Hz), 4K Ultra HD (3860 x 2160 at 60 Hz, 4:2:0 color space), 1080p Full HD, and 1920x1200 WUXGA
- HDCP 1.4 compliant • Supports 12-bit Deep Color
- 3D pass-through • Lip Sync pass-through
- Push button controls for Routing and Status
- Advanced EDID Management for rapid integration of sources and displays
- Supports LPCM 7.1, Dolby TrueHD, Dolby Digital Plus, and DTS-HD Master Audio

**GEFEN**

**GEF-HD4K2K848-BK • Discount \$2099.00**

## Kramer 1:2 4K UHD HDMI Distribution Amplifiers



- A 4K UHD 1:2 distributor for HDMI signals
- Takes one HDMI input, equalizes and relocks the signal and distributes it to two identical outputs



**KR-VM-4UHD**

- Distributes signals having resolutions up to 4K@60 UHD (4:2:0), WUXGA and 1080p
- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel)
- Resolution Support - Up to 4K@60 UHD (4:2:0) • HDCP Compliance
- HDMI Support - Deep Color, x.v.Color, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC
- Kramer Equalization & re-Klocking Technology - Rebuilds the digital signal integrity to travel longer distances
- I-EDIDPro Kramer Intelligent EDID Processing - An intelligent EDID handling and processing algorithm that ensures Plug and Play operation for HDMI systems
- Default EDID - For fast and efficient connection of the unit • 3D Pass-Through
- USB Port - For firmware upgrading



- KR-VM-2UHD** • 1:2 4K UHD HDMI DA ..... **Discount \$316.00**
- KR-VM-3UHD** • 1:3 4K UHD HDMI DA ..... **Discount \$372.00**
- KR-VM-4UHD** • 1:4 4K UHD HDMI DA ..... **Discount \$448.00**

## Kramer VM-4HN 1x4 4K HDMI Distribution Amplifier



- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- Max. Resolution - Up to 4K and 1080p at 60Hz.
- HDTV Compatible.
- HDCP Compliant.
- Kramer Equalization & re-Klocking



- Technology - Rebuilds the digital signal to travel longer distances.
- EDID Capture - Copies and stores the EDID from a display device.
- HDMI Support - Deep Color, x.v.Color, Dolby TrueHD, Dolby Digital Plus, DTS-HD, and 7.1 multi-channel audio. Active Input & Output LED Indicators.



**KR-VM-4HN** • Reg. \$495.00 **Discount \$396.00**

## Ocean Matrix 1x2 Splitter 4K HDMI Distribution Amplifier

- HDMI Splitter: Distributes 1 HDMI source to 2 HDMI displays simultaneously.
- HDMI Splitter + Extender: 30 meters max distance for input and 25 meters for output.
- 3D Support: Detects EDID automatically and supports 3D output when both HDMI source and HDMI displays support 3D.
- CEC Support: Supports CEC when both the input and output devices support CEC.
- Ultra-HD Resolution 4K x 2K. Supports 4K x 2K when both the input and output devices support 4K x 2K. Note: All HDMI cables must be shorter than 5 meters.
- HDMI Resolution Supported: 480I/480P/576I/576P/720P/1080I/1080P(50HZ; 60HZ); 1080P / 24HZ 3D, 720P/50HZ 3D, 720P /60HZ 3D, 4K X 2K



**OMX-HDMI-1X2-4K**

- OMX-HDMI-1X2-4K** • 1x2 Splitter ..... **Discount \$56.95**
- OMX-HDMI-1X4-4K** • 1x4 Splitter ..... **Discount \$84.95**

## Kramer VM-8H 1x8 HDMI Distribution Amplifier

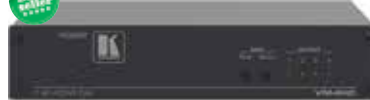


- Max. Data Rate - 2.25Gbps. • HDTV Compatible. • HDCP Compliant.
- HDMI V.1.4 with Deep Color, x.v. Color, Lip Sync, CEC
- I-EDIDPro Kramer Intelligent EDID Processing - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- Kramer Equalization & re-Klocking Technology - Rebuilds the digital signal to travel longer distances.
- Active Output LED Indicators. • Worldwide Power Supply - 100-240V AC.
- Standard 19" Rack Mount Size - 1U. Rack ears included.
- INPUT: HDMI connector. • OUTPUTS: 8 HDMI connectors.
- Supports up to 2.25Gbps per graphic channel. • 3D Pass-Through.
- SELECT and READ buttons for selecting and storing EDID information.
- 19" x 7" x 1U W, D, H, rack mountable.



**KR-VM8HDMI** • Reg. \$895.00 **Discount \$716.00**

## Kramer VM-4HC 1:4 HDMI Distribution Amplifier



- Max. Data Rate - 6.75Gbps (2.25Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliant.
- Kramer Equalization & re-Klocking Technology - Rebuilds the digital signal to travel longer distances.
- I-EDIDPro Kramer Intelligent EDID Processing - Intelligent EDID handling & processing algorithm ensures Plug and Play operation for HDMI systems.
- EDID Acquisition - Default, single output or all connected outputs (auto-mix).
- HDMI Support - Deep Color, x.v.Color, up to 7.1 Uncompressed Audio Channels.
- 3D Pass Thru. • Active Input & Output LED Indicators.

**KR-VM-4HC** • Reg. \$495.00 **Discount \$396.00**

## KanexPro 1X2 HDMI Splitter with 4K Cinema Resolutions

- Distribute high-resolution HDMI signals to 2 Ultra HD displays
- Supports full 3D and 4Kx2K resolution
- Supports full HD 1080p (1920 x 1080@60Hz)
- Computer resolution up to WUXGA (1920 x1200@60Hz)
- HDCP & CEC compliant Supports
- Supports latest HDMI High Speed Specifications
- 12-bit per channel (36-bit all channel) Deep color
- Compact metal enclosure



**KanexPro**  
**KAN-SP-HD1X24K**

- KAN-SP-HD1X24K** • 1x2 Splitter ..... **Discount \$45.99**
- KAN-SP-HD1X44K** • 1x4 Splitter ..... **Discount \$79.95**

# HDMI DA & SPLITTERS



## Kramer VM-2HXL 1:2 HDMI Distribution Amplifier

- Max. Data Rate - 2.25Gbps.
- HDTV Compatible. • HDCP Compliant.
- HDMI 1.3a Compliant.
- Enhanced EDID (Extended Display Identification Data) - The unit can store and recall a default EDID setting in non-volatile memory from one of the outputs allowing convenient and reliable connection to the source.
- Kramer Equalization & re-Klocking™ Technology - Rebuilds the digital signal integrity to travel longer distances.



**KR-VM-2HDMIXL** • Reg. \$295.00 **Discount \$236.00**

## KanexPro UltraHD 4K DA 8 HDMI Outputs & EDID Selector



- Distribute 4K HDMI video and audio signals to up to eight displays
- Supports full HD 1080p (1920 x 1080@60Hz) & 4K UHD

**KanexPro**

- Conforms to High Speed HDMI specifications- (Deep color, HD lossless audio formats & Lip Sync)
- Supports Dolby Digital, DTS-HD and Dolby True HD audio
- HDCP 2.2 compliant
- Built-in Smart EDID Control
- HDMI audio: LPCM 7.1CH, Dolby TrueHD & DTS-HD Master Audio
- Front-panel LED's for input/ output signal presence
- 5VDC external power supply included

**KAN-HDSP184K** • Reg. \$149.95 **Discount \$129.99**

## KanexPro UltraSlim 4K HDMI 2-Port Distribution Amplifier

- Ultra Slim 1x2 HDMI Splitter with 4K UHD resolutions
- Incredibly thin design - only 0.4" (11 mm) thick
- Perfect for installing behind a thin bezel display
- Supports UHD 4K/30Hz resolutions
- Transmit HD 1080p up to 15m (50ft.) • High-bandwidth 10.2 Gbps
- HDCP 1.4 compliant • Auto-identifies input resolutions to match displays
- Supports EDID management • LED status for connection and HDCP
- Firmware update via micro USB



**KAN-SP-4KSLIM1X2** • **Discount \$99.95**

## ikan HDMI-2-HDMI HDMI Splitter

ikan's HDMI-2-HDMI is capable of receiving a single HDMI signal and producing 2 duplicate split output HDMI signals for additional monitoring.

**IKAN-HDMI-2-HDMI** • Reg. \$19.95 **Discount \$15.95**



**ikan** The Visual Professionals.

## Avenview 1x4 HDMI True 4-60Hz Splitter Auto EDID and Management



**Avenview**

- Allows the input (source as 4K GPU graphic card or UHD Digital Player) to be duplicated onto 4 4K@60 or UHD displays
- Supports both video and audio signals simultaneously, reproducing the same quality via HDMI cable with EDID management
- Video Signals: 4K@60 HDR(4:2:0 10bits) / (4:4:4 8bits), 4K@30, UHD, 3D, Deep Color, and 1080p 24-bit color depth

- Audio Signals: DTS-HD Master Audio, Dolby TrueHD Dolby Digital, DTS, DVD-Audio, LPCM, SACD, MPCM
- Extend over HDMI cable video and audio up to 5m (16ft)

**AVW-SPLTHDM2T4K4** • **Discount \$249.00**

## Atlona 1 x 2 HDMI Ultra HD 4Kx2K Distribution Amplifier

- Cascade up to 8 HDDAs
- Link status LED for source and outputs
- Supports pass through of all 3D formats
- Pass through support of all Lossy and Lossless audio (up to Dolby TrueHD or DTS-HD Master Audio).
- Locking HDMI port
- Field serviceable firmware port
- Includes dual purpose wall/rack mount ears

**ATLONA** Connecting Technology



**4K ATNO-HDDA-2**

**ATNO-HDDA-2** • 1x2 DA ..... **Discount \$299.99**

**ATNO-HDDA-4** • 1x4 DA ..... **Discount \$429.99**

## Muxlab 2K/4K/UHD HDMI 1x4 Splitter



- Distributes one HDMI source to four displays
- Supports up to 1080p @ 60Hz, Deep color 12-bit and 4K 3840x2160 @ 24, 25 & 30Hz
- Supports Dolby TrueHD and DTS-HD Master Audio

- Connectors on rear panel for neater cabling • Supports 3D
- LED diagnostics • HDMI 1.4 • HDCP 1.3 compliant
- Supports 4K (UHD) Resolutions at 24fps and 30fps (4:4:4)

**MUX-500421** • **Discount \$86.50**

## Muxlab 4K-UHD 1x2 HDMI Splitter

- Distribute one HDMI source to two displays
- Support up to 1080p @ 60Hz, Deep Color 12-bit
- Support Dolby TrueHD and DTS-HD Master Audio
- Support 3D • LED diagnostic • HDMI 1.4 • HDCP 1.3 compliant
- Supports 4K (UHD) Resolutions at 24fps and 30fps (4:4:4)



**4K MuxLab**

**MUX-500423** • **Discount \$66.00**

## TV One HDMI - Cat 5e/Cat 6 Receiver

- HDMI w/3D, 4k(24hz/30Hz), • HDCP 1.1 & DVI 1.0
- Uncompressed HDMI signal distribution to 60m/197ft
- Class B (HDBaseT-Lite) technology
- Supports Embedded HDMI
- Lossless Digital Audio
- Full HD resolution support (1080p@60Hz/36bit)
- UHD support (4k@30Hz)
- HD 3D formats & PC resolutions up to WUXGA



TV1-1T-CT-642 • **Discount \$180.00**



## Kramer HDMI - Bidirectional RS-232 & IR over HDBaseT Twisted Pr Receiver



- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel).
- HDTV Compatible.
- HDCP Compliance
- HDBaseT Technology.



- HDMI Support - Deep Color, x.v.Color, Lip Sync, HDMI Uncompressed Audio Channels, Dolby TrueHD, DTS-HD, CEC.
- 3D Pass-Through. • EDID PassThru • 2K & 4K Support.
- Bidirectional RS-232 & IR Interface. • System Range - Up to 70m (230ft).

KR-TP-580R • *Reg. \$240.00* **Discount \$192.00**

## Hall Research HDBaseT Lite HDMI over UTP Extender (Tx & Rx)



- Extend HDMI or DVI over single Cat 5e/6 up to 230 ft (70 m)
- Utilizes HDBaseT Lite extension technology
- Full HD support 1080p deep color, 3D, and 4K x 2K
- HDCP Compliant with pass-thru EDID from display to source
- Supports virtually all HD and PC resolutions • Supports HDMI Audio
- Compatible with all HDBaseT and HDBaseT Lite compliant products
- Uncompressed digital video extension guarantees 100% fidelity



HRT-UH-1BT • *Reg. \$430.00* **Discount \$408.50**

## PureLink HCE II Tx/Rx HDMI over (CATx) HDBaseT

- Transmitter and receiver set for long distance extension of HDMI video and embedded audio with bi-directional control signal (IR) over single CAT 5/6/7- type cable.
- Designed on HDBaseT technology which allows full 3D support with up to 230ft (70m) at 1080P@60Hz, and 130ft (40m) at 4K2K (UHD) resolution.
- Compact and low profile enclosure makes the HCE II ideal for extending HDMI video, embedded multi-channel audio, and bidirectional control signal to limited space environment such as behind a flat-panel display.



PLK-HCEII-TXRX • **Discount \$239.99**

## KanexPro 4K Compliant HDBaseT HDMI Extender w/ PoE Support



- Extend HDMI signals up to 330 ft. (100m) on single CAT6 cable
- Supports Power over Ethernet from Tx or Rx
- Infrared Signal Input/ Output, embedded over extension



- Supports resolutions from 1080p/60@48bit
- 4K x 2K UHD resolutions • High bandwidth up to 10.2 Gbps
- Enables 3D pass-through • Supports CEC pass-through
- HDCP and EDID compliant
- Audio support: Dolby TrueHD & DTS Master Audio, 7.1 compliant

KAN-EXTHD100MHBT • *Reg. \$349.95* **Discount \$279.00**

## Atlona HDMI Extender Over Single CAT5e/6/7



- Extend IR, RS-232, audio and visual content up to 330ft (@ 1080p) over a single high quality CAT5e/6/7 cable.
- Pass through resolutions up to 1080p or 1920x1200 and audio formats from Lossy to Lossless multi-channel audio. Includes Dolby TrueHD, DTS-HD Master Audio and 3D signals.



- RS-232 and IR ports allow for bidirectional control of not just the Matrix but the in zone displays.

ATNO-PRO2HDREC • **Discount \$299.99**

## Atlona HDBaseT-Lite Receiver over Single CAT5e/6/7 w/IR

- Pass through support of all 3D formats
- Power over CAT cable (PoE)
- Locking HDMI port
- Field serviceable firmware port
- Includes dual purpose wall/rack mount ears
- DTS-HD Master Audio and Dolby TrueHD audio pass-through



ATNO-HDRX-IR • **Discount \$249.99**



## Tripp Lite HDMI Over Single Cat5 Active Extender Kit



- Two piece kit includes both local transmitter and remote receiver units
- Supports computer video resolutions up to 1920 x 1200, and HD resolutions up to 1080p (60Hz)
- 24 AWG Solid Wire Cat5e/6 cable, such as Tripp Lite's N202-Series, is required to achieve maximum distance and resolution.



- HDCP and 3D compatible • Supports 24-bit True Color (8-bits per channel)

- Compatible with both stereo audio and 7.1 channel surround sound audio (7.1 channel surround sound signal will be Multi-Channel or PCM)
- Transmitter unit features an HDMI port for the connection of a local monitor

TRL-B126-1A1 • *Reg. \$272.00* **Discount \$181.49**

# HDMI OVER ETHERNET



## Gefen 4K Ultra HD HDBaseT 2.0 Extender Set

- HDBaseT 2.0 technology extends HDMI up to 330 feet (100m) at 4K, using one CAT-5e cable
- 1080p Full HD and 1920 x 1200 (WUXGA) 8-bit video can be extended up to 495 feet (150 meters)
- Provides additional features such as 2-way audio extension
- Resolutions up to 4K DCI-Cinema (4096 x 2160 @ 30 Hz 4:4:4) and 4K Ultra HD (3840 x 2160 @ 60 Hz 4:2:0) along with 7.1 channels of LPCM and HBR (High Bit Rate) lossless digital audio are supported
- Supported HBR formats include Dolby Atmos, Dolby TrueHD, DTS:X, and DTS-HD Master Audio



**GEF-EXT-UHDAHBT2 • Discount \$799.00**

## Gefen Extender for HDMI with POL

- Extends HDMI and 3DTV up to 230 feet (70 meters) over a single CAT-6 or up to 198 ft. (60 m) over a single CAT-5e
- HDMI Features Supported: Resolutions up to 1080p Full HD
- HDCP-compliant • 12-bit Deep Color
- LPCM 7.1 audio, Dolby TrueHD, Dolby Digital Plus, and DTS-HD Master Audio
- 3DTV pass-through • CEC pass-through • Lip Sync pass-through
- Bi-Directional IR remote control of devices
- Gefen POL feature provides power to the Receiver unit over the CAT-5e
- Uses HDBaseT Technology



**GEF-HDBT-POL-BK • Reg. \$369.00 Discount \$286.95**

## Avenview Single CAT6 HDMI Extender Over IP System

- Silicon Image chipset embedded for best quality, compatibility and reliability
- HDMI 1.3c compliant • HDCP compliant • EDID 1.1
- Regenerates the HDMI signal
- Extends HDMI up to 100m/120m over single CAT5E/6
- Supports resolution HDTV / 1080Pp/60Hz, Vesa (1920 x 1080)
- Pure unaltered uncompressed 7.1ch digital HDMI over LAN cable transmission
- Allows up to 150 Receivers to single Transmitter



**AVW-HDM-C6IP-SET • TX/RX Set ..... Discount \$249.00**

**AVW-HDM-C6IP-R • Receiver Only ..... Discount \$135.00**

## KanexPro Extends HD Signals over Single CAT 5e/6

- KanexPro HDEXT50M Extends HD Signals over Single CAT 5e/6 up to 165ft (50m)
- The KanexPro one input over one output HDMI Extender is designed to carry DVI/ HDMI signals over distances beyond the capability of standard HDMI/ DVI cable.
- Supports data rates up to 1.65 Gbps per channel
- Supports full HD 1080p (1920x1080@60Hz)
- Digital audio support through HDMI • EDID compliant



**KAN-HDEXT50M • Discount \$99.95**

## Ocean Matrix HDMI Over IP Extender HDMI to CAT5/CAT6 Converter



- Supports Multiple Receivers (up to 8) from a Single HDMI Extender / Transmitter
- 36 Bit Deep Color Support
- May Also be Used as a Standard Point-to-Point (up to 120 meters) Transmit & Receive for On-Location Monitoring & Content Delivery
- Supports DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD Audio Formats
- Transmission Rate Supported:10.2Gbps • Robust Aluminum Housing



**OMX-HDMI-2-IP • TX/RX Set.....Reg. \$149.95 Discount \$134.95**

**OMX-HDMI-2-IP-R • Receiver Only.....Reg. \$99.95 Discount \$89.95**

**OMX-HDMI-2-IP-T • Transmitter Only .....Reg. \$89.95 Discount \$79.95**

## Ocean Matrix 1080p HDMI Extender over Single Cat6 with Looping Out



- Supports 1080p HDMI resolution
- Transmits over a single CAT6 up to 197 feet
- Local HDMI loop-out on transmitter
- IR signal transmission support
- Works with HDMI HDCP compliant devices

**OMX-HDMI-CAT6 • Reg. \$104.95 Discount \$94.95**

## Kramer PT-572Plus HDMI Over Twisted Pair Receiver

- Max. Data Rate - 1.65Gbps. • 3D Pass-Through. • DGKat™ Signal Integration
- HDTV Compatible. • HDCP Compliant. • HDMI Support
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC&#8722;DGKat524 cable.
- EDID PassThru - Passes EDID signals between the source and display.
- Status LED - Lights red when receiving power only, orange when output and power are attached, and yellow when both an active input and output are attached.
- Power Connect™ System - A single connection to the transmitter or the receiver powers the system when the devices are within 270ft (90m) of each other.



**KR-PT-572-PLUS • Receiver ..... Reg. \$195.00 Discount \$156.00**

**KR-PT571 • Transmitter..... Reg. \$195.00 Discount \$156.00**

## KanexPro HDBaseT Extender with 2-Port Ethernet Switch



- Extend uncompressed HDMI signals up to 330 ft. (100m) on single CAT6 cable
- Integrates 2-Ethernet ports for network devices
- Supports resolutions from 1080p/60@48bit to Ultra HD 4K
- Bandwidth up to 10.2 Gbps
- HDCP, CEC and EDID compliant
- Infrared Signal Input/Output, embedded over extension
- Audio support: Dolby TrueHD & DTS Master Audio
- Uncompressed audio support such as LPCM • RS-232 Control
- Locking HDMI connectors to avoid dis-engagement & signal loss

**KAN-HDBASE100ME • Reg. \$649.95 Discount \$599.00**

## Atlona HDVS-300-KIT Soft Codec Conferencing System with AV Switching & USB / HDMI Extension Plus Control



**NEW!**



- Integrates PCs, USB webcams and USB mics for presentations and teleconferences
- Brings advanced conferencing capabilities to huddle spaces and small meeting rooms; Reduces the number of system components needed for soft codec-based conferences
- Removes operational barriers for system users; Lowers overall system costs
- Four input AV switcher with USB hub and Ethernet-enabled, extended distance HDBaseT extension
- Delivers 4K/UHD video, audio, 100Base-T Ethernet, power with USB management and control through a single cable
- Reduces cable counts and floor box connections between source, control system, router, and display to a single cable
- Receiver with additional HDMI input, USB hub, and PoE

**ATNO-HDVS-300KIT • Discount \$1899.99**

## Atlona HDBaseT HDMI with IR & RS232 Receiver Over One CAT5e/6/7

- Pass through support of all 3D formats
- Power over CAT cable (PoE)
- Locking HDMI port
- Field serviceable firmware port
- Includes dual purpose wall/rack mount ears
- DTS-HD Master Audio and Dolby TrueHD audio pass-through



**BEST SELLER**



**ATNO-HDRX-RSNET • Discount \$349.99**

## Atlona 4K/UHD HDMI Over HDBaseT TX/RX

- Transmits HDMI signals up to 230 feet (70 meters) @ 1080P and 130 feet (40 meters) @ 4K/UHD using CAT6a/7 cable
- Uses easy-to-integrate category cable for low-cost, reliable system installation
- Future proofs AV systems in preparation for technology improvements, 4K/UHD streaming services and playback devices



**BEST SELLER** **4K**



- HDCP 2.2 compliant • Field updatable firmware • Rear panel I/O connectors
- LED indicators provide power and status information
- Easy installation into racks and confined spaces behind displays

**ATNO-UHDEX70KIT • HDBaseT TX/RX Kit with PoE ..... Discount \$399.99**

**ATNO-UHDEX702PS • HDBaseT TX/RX Kit ..... Discount \$309.99**

**ATNO-UHDEX70CKIT • HDBaseT TX/RX w/ Control & PoE ..... Discount \$499.99**

**ATNO-UHDEX70CRX • HDBaseT Receiver w/ Control & PoE ..... Discount \$249.99**

**ATNO-UHDEX100CER • Over 100M HDBaseT RX w/ Control & PoE ..... \$349.99**

**AT-UHDEX100CEKIT • Over 100M HDBaseT TX/RX w/ Control & PoE ..... \$699.99**

## Atlona HDVS-200 HDBaseT Scaler with HDMI and Analog Audio Outputs

- Scaler with HDMI output
- Ethernet enabled, HDBaseT extension
- TCP/IP and RS-232 control
- Contact closure for screen control or display lift control
- Auto display control
- Easy, GUI-based configuration using integrated web server
- Power over Ethernet for AT-HDVS-200-TX



**BEST SELLER**



**ATNO-HDVS-200-RX • Discount \$699.99**

## Atlona HDVS-200 3x1 HDBaseT Switcher for HDMI and VGA Inputs with Automatic Display Control

- 3x1 HDBaseT switcher
- Automatic display control using Consumer Electronic Control (CEC)\*, IP, or RS-232
- Automatic input selection using video detection technology
- TCP/IP and RS-232 control of switcher
- Ethernet-enabled, HDBaseT extension
- Front panel input selection
- Front panel display on/off control



**BEST SELLER**



**ATNO-HDVS-200-TX • Discount \$599.99**

## Atlona HDVS-150 HDBaseT Scaler with HDMI and Analog Audio Outputs

- Receives HDMI and VGA/audio signals up to 230 feet (70m) @ 1080p over CAT6a/7 and 197 feet (60 m) @ 1080p over CAT5e/6
- Scaled HDMI output and input resolution control • Power over Ethernet for AT-HDVS-150-TX • Audio de-embedding • RS-232 scaler control / RS-232 display control



**ATNO-HDVS-150-RX • Discount \$499.99**

## Atlona HDVS-150 Three-Input Switcher for HDMI and VGA Inputs with HDBaseT Output

- 3x1 HDBaseT switcher • Long distance HDMI extension • Auto-switching • Front panel Input Select button • Auto display control • Front panel Display On/Off control



**ATNO-HDVS-150-TX • Discount \$449.99**

## Atlona Dual HDMI and VGA/Audio to HDBaseT Switcher

- Atlona's HDVS-TX switches between two HDMI and VGA/audio inputs, digitizes, and transmits via HDBaseT.
- HDBaseT and power over category cable (PoCct) allow signal and power to 230 feet (70 meters) over a single category cable.
- Combined with HDVS-RX, projector power is easily controlled from the switcher.



**ATNO-AT-HDVS-TX • Discount \$399.99**

# HDVS SERIES

AV Integration from Huddle Rooms to Conference Suites



Works with  
**AMS**



**AT-UHD-HDVS-300-KIT**  
Soft Codec Conferencing System



Works with  
**AMS**



**AT-HDVS-200-TX and AT-HDVS-200-RX**  
Complete AV system switcher expansion



**AT-HDVS-150-TX and AT-HDVS-150-RX**  
Ease of operation for education and corporate environments

## ***Compact Yet Powerful AV Integration Solutions***

The Atlona HDVS Series simplifies AV system design and delivers excellent value with powerful integration features such as multi-format switching, automatic display control, and automatic input switching.



## Ocean Matrix 1080p HDMI Extender over Single Cat5/5E/Cat6 Network Cable with HDBiT/IP

The Ocean Matrix OMX-HDMI-HDBIT extends high definition audio/video transmission beyond the standard distances for HDMI cable limitations via HDBiT technology. Consisting of a transmitter and a receiver, this system delivers full 1080P HDMI signal up to 394 feet



**OCEAN MATRIX HDMI**

over a single Cat5/5E/Cat6 network cable with or without network switches, and network routers.

### Unlimited Extend and Split Capability

The system incorporates HDBiT (High Definition Digital bit Transmission Technology) protocol for better image clarity and high performance over long distances without a converter. This technology allows signal distribution through switches and routers to multiple receivers and displays without loss in image quality. Works perfectly when implemented over an IP network, allowing simple function of 1 to 1 or 1 to multiple cascade setups.

### Plug and Play

The OMX-HDMI-HDBIT extender is compatible with new and existing systems without rewiring and automatically adapts to various cable lengths up to 394 feet. IR signal transmission allows for remote control of the source at a secondary location using IR extension cables (included).

Ideal for projections screens, home theatre, outdoor advertising, remote conferencing, CCTV, high-end security, and remote HD monitoring.

**OMX-HDMI-HDBIT**..... Reg. \$264.95 **Discount \$239.95**



### SPECIFICATIONS:

• TX - HDMI Input • RX - HDMI Output • 99 Selectable Channels • Input and Output: 480i@60Hz, 480P@60Hz, 576i@50Hz, 576P@50Hz, 720P@50/60Hz, 1080i@50/60Hz, 1080P@50/60Hz • HDMI Graphics Resolution: supports up to 1920x1080@60Hz • Video Encoding: H.264 • Audio Encoding: MPEG2 • Coaxial Cable: RG6, RG7, RG11, etc • Frequency Point: 100-1000M • Bit Rate: Max 31.6M bits • Insertion Loss: <2dBm • RF TX Output Consumption: +0dBm • RF Connector: Imperial System 75? Type F • Transmission Delay: 500ms • Power Consumption: TX <3.5W, RX <3W • Dimensions (LWH): 5.12 x 2.68 x 0.945 inches • Warranty: 1 year

## Ocean Matrix 1080p 1x8 HDBiT HDMI Splitter & CAT6 Extender Kit with IR Control 8 Receivers



- Supports IR signal transmission
- HDBiT technology delivers excellent image clarity
- Mountable Robust metal housing

• A simple solution to feed the same 1080p content across multiple HD Displays in your House of Worship and Digital Signage Applications

• Distribute a single HDMI source to up to 8 HDMI displays simultaneously

- Delivers a full 1080p 60Hz HDMI signal up to 394 feet over a single Cat6 network cable!
- Complete install kit includes 1x8 transmitter & 8 receivers
- Transmits over a single Cat6a up to 500 ft/Cat6 394 ft/Cat5e 328 ft/Cat5 240 ft

**OMX-HDMI-HDB1X8**..... Reg. \$849.95 **Discount \$799.95**

# OCEAN MATRIX

## Ocean Matrix HDMI Over Coax Extender Pair

*The OMX-HDMI-COAX HDMI extender converts HDMI signals to HD digital TV signals using DVB-T CATV transmission mode.*

Unlike traditional analog CATV signal, this extender uses 64 QAM mode to convert the signal and transmits via coaxial cables for long distances. Using a CATV splitter, you can easily create a one to multiple or a multiple to multiple matrix. Short cable runs may require an attenuator, please refer to product manual for specifics.

Excellent image quality, high interference resistance, and many available channels, make it ideal for total home CCTV, digital signage, shopping mall advertising, and digital KVM.

Item Includes: 1 HDMI to RF transmitter (TX), 1 RF to HDMI receiver (RX), 2 DC 5V, 1A power supplies.

**OMX-HDMI-COAX**..... Reg. \$349.95 **Discount \$299.95**



# OCEAN MATRIX 1-YEAR PRODUCT WARRANTY GIVES YOU PEACE OF MIND!





## Kramer 670 Series 4K UHD HDMI over Fiber Transmitter & Receiver



- A high-performance fiber optic receiver for 4K UHD HDMI signals
- Max. Resolution - Up to 4K@60Hz (4:2:0) UHD, 2Kx4K and WUXGA

- HDCP Compliant • EDID PassThru • HDMI Support
- Transmits four TMDS video channels as well as one low-speed channel for passing HDCP, EDID and a Hot Plug Detect (HPD) signal over one multimode fiber
- System Range - 1700m (5570ft) for 1080p, 600m (1970ft) for 4K
- Cable - Multimode fiber optic OM3 cable with SC connectors.

**KR-670T** • Transmitter ..... Reg. \$1495.00 **Discount \$1196.00**

**KR-670RN** • Receiver ..... Reg. \$1495.00 **Discount \$1196.00**

## Blackmagic ATEM Camera Converter



- Extend your SDI or HDMI camera for 28 miles!

Now with ATEM Camera Converter you can have more cameras closer to the action for the most amazing shots in live production!

ATEM Camera Converter not only converts your camera to optical fiber, but it also includes talkback, external microphone input, program return feed, tally and built in battery power source!

- Professional Multi-Camera Production

ATEM Camera Converter uses a single mode optical fiber pair with LC type connectors, so you get the freedom to connect your cameras up to 147,000 feet or 45KM from your switcher!

- Includes Talkback • Broadcast & Consumer Connections • Ultra Tough Design

**BMD-SWRCONV** • Reg. \$595.00 **Discount \$565.25**



## Muxlab HDMI Fiber Extender Kits

### 500460 HDMI Fiber Extender Kit

- Up to 1,000 ft (305m) via a single multimode fiber • IR Control (IR Sensor and IR Emitter included) • SC connector for multimode fiber 62.5 um/125 um or 50um/125 um. • Supports RS232

**MUX-500460** ..... Reg. \$1540.00 **Discount \$1155.00**



### 500461 Mini HDMI Fiber 4K Extender Kit

- HDMI 1.4a support • HDCP support • Compact design • Distance up to 300m using LC Duplex multimode 50/125 um OM3 fiber cable • Supports 4K @ 24, 25, 30 Hz • Power using micro USB connector • Metallic enclosure for better heat dissipation

**MUX-500461** ..... Reg. \$770.00 **Discount \$577.50**



### 500462 HDMI Optical Isolator & HDMI Extender Kit

- Complete optical isolation between source and display
- Unidirectional HDMI communication • No return signaling • Fixed EDID configuration • Up to 984ft (300m) @ 1080p via one (1) LC multimode fiber

**MUX-500462** ..... Reg. \$849.00 **Discount \$637.00**

## AJA HDMI to 3G-SDI Over Fiber Video and Audio Converter

- HDMI input to 3G-SDI over single mode 1310 nm fiber optic cable (ST-style fiber connector) for transporting HDMI sources over fiber
- Embedded 8-Channel audio is supported in the fiber output allowing a convenient single cable audio/video connection up to 10km. The HA5-Fiber also provides 2-Channel RCA style audio inputs for a stereo audio input when needed
- HDMI to 3G-SDI over fiber
- Supports single mode 1310 nm fiber optic cable with ST transmitter
- Full HDMI input support including embedded audio
- Additional 2-Channel RCA style analog audio (-10dBu nominal) input



**AJA-HA5-FIBER** • **Discount \$695.00**

## Complex to Fiber Optic Converter / Extender

- Optimized for HDTV (HDCP Compliant)
- Separate HDMI transmission and receiver units with professional ST connectors
- Extends HDMI up to 10 miles over singlemode fiber
- Supports IR Device Control over the Complete Fiber Run
- Power Supplies Included
- Supports Graphic Resolution up to WUXGA (1,920 x 1,200)@60Hz, HDTV signal up to 1080p, 2k
- Digital Video Bandwidth : 25'225 MHz (HDMI single link)
- Requires a single strand ST to ST cable (not supplied)



**CMX-HDMIF** • Reg. \$341.49 **Discount \$295.00**

## Complex Tac-N-Go HDMI Fiber Optic Converter / Extender & 1000 Foot Cable Reel

- Genuine OCC Tactical Cable
- Super Rugged Cable Reel Included for Fast & Easy Field Deployment
- Optimized for HDTV (HDCP Compliant)
- Separate HDMI transmission and receiver units with professional ST connectors
- Extends HDMI up to 10 miles over singlemode fiber
- Supports IR Device Control over the Complete Fiber Run
- Supports Graphic Resolution up to WUXGA (1,920 x 1,200)@60Hz, HDTV signal up to 1080p, 2k
- Digital Video Bandwidth : 25'225 MHz (HDMI single link)



**CMX-TACNGO-HDMI** • Reg. \$1255.95 **Discount \$899.95**

## Broadata Link Bridge HDMI Video Transmitter 1-Fiber

- HDMI 1.3 Capable • Up to 400m at WUXGA
- Supports HDCP Encrypted Content
- Zero Compression and Zero Bit Reduction
- Up to 720p/1080i/1080p HDTV Video Resolution
- Over 1 Multimode Fiber



**BD-LBOHDMITMSC** • **Discount \$540.00**

**Matrox MHD/I Monarch HD Professional Video Streaming and Recording Appliance**



**matrox®**

- A compact, easy-to-use video streaming and recording appliance designed for professional video producers who need to simultaneously stream a live event and record the master quality version for post-event editing
- Generates an H.264-encoded stream compliant with RTSP or RTMP protocols

- Remotely controllable using any computer or mobile device with a web browser
- Lets you set recording bitrates as high as 30 Mbps while simultaneously streaming at up to 20 Mbps
- Records high quality H.264 video as MP4 files, which offer maximum versatility for all applications
- 8 channels of embedded audio can be processed and output. 2 channels of audio input with loopout are also available via 1/8" stereo jacks

**MTX-MONARCH-HD • Discount \$995.00**

**Blackmagic H.264 Pro Recorder**



Blackmagicdesign

- Capture from Broadcast Decks Directly to SD & HD H.264 Files!
- Distribute video files to websites, YouTube, Facebook, iPhone and even iPad
- Handles capture from all popular video formats so you can encode directly from professional broadcast decks!
- Encoding from SDI, HDMI, analog component/composite and balanced audio!
- Includes Media Express for frame accurate deck control with EDL import!

- Allows you to select between SDI, HDMI and analog component video inputs with selection between inputs

**BMD-H264PRO • Reg. \$495.00 Discount \$470.25**

**Livestream Broadcaster Pro Livestreaming Internet Video**

- Streams HD Video without a PC
- Encodes H.264 and AAC Formats
- Streams via Livestream platform
- Wireless control via free Livestream app or physical buttons
- Full size HDMI Input • 2.4/5GHz WiFi
- 10/100 Ethernet Port
- Supports 4G LTE USB Modems
- Line and Microphone level audio inputs
- Internal Rechargeable Li-ion battery for 3+ hours of streaming



**livestream**

**LS-BCASTER-PRO • Reg. \$599.00 Discount \$569.05**

**Datavideo NVD-20 IP Video Decoder**



- Wired IP video decoder with HDMI, Composite and analogue audio outputs.

**datavideo®**

- Decodes all common protocols RTP/RTSP, RTMP, UDP, TCP, HTTP, HLS and MPEG-TS
- Output SD/HD video at resolutions up to 1080p60

**DV-NVD-20 • Discount \$375.00**

**Matrox MHDX/I Monarch HDX Dual-Channel H.264 Encoder for Broadcast Streaming and Recording**



**matrox®**

- Powerful, High Quality H.264 Encoding Engine
- Simultaneous Dual-Channel Streaming and Recording
- Selectable HDMI and SDI Inputs and Simultaneous Outputs
- Easily Webcast to Your Audience • Control from Anywhere
- H.264 Preview Stream • Profiles and Presets • Robust and Practical Design

**MTX-MONARCH-HDX • Discount \$1995.00**

**Marshall VS-11 H.264 Encoder / Decoder**



- A/V Encoder/Decoder • POE
- Up to 30fps / 25 fps @ Full D1 resolution
- H.264/H.264, H.264/MJPEG Dual Streaming
- Encoder / Decoder Selectable
- Two-Way Audio Communication (G.711, AAC) • Composite Video Input / Output
- Instant Recording (to optional USB 2.0)
- Audio Input / Output • RS-232 Control Built-In

**Marshall Electronics**

**MAR-VS-11 • Reg. \$429.00 Discount \$359.00**

**Epiphan AV.io HD Grab and Go HDMI Video Capture**

- Easy to Connect and Share
- Required adapters and cables for HDMI, DVI or VGA devices are included with your AV.io HD.
- AV.io HD transfers uncompressed video to your computer or laptop in beautiful Full HD at 60 fps with near-zero latency.
- AV.io HD also captures audio from your HDMI source.



**EPIP-ESP0909 • Discount \$349.95**

**Epiphan Broadcaster Portable Audio & Video Streaming Device**

- Capture from screens or cameras at full HD resolution
- Captures, combines, and streams audio, full HD video and SD video.
- Quiet, portable recording for DVI, HDMI, VGA, DisplayPort, S-Video, and composite sources.
- Choose to display the video from one or both video sources, display the video side-by-side or picture in picture.
- VGADVI Broadcaster automatically scales inputs to match your configured layout settings.
- Add your corporate color as a background and your company logo, the date, time, and presenter name.



**EPIP-ESP0440 • Discount \$1600.00**

**Datavideo NVS-25 H.264 Video Streaming Server**

- Standalone streaming encoder that can stream live video to a CDN and record to a removable USB drive simultaneously.
- SDI, HDMI, and Composite inputs. The versatility of the NVS-25 allows it fit into any application.



**datavideo®**

**DV-NVS-25 • Discount \$800.00**

## Teradek Sphere Wireless 360 Degree Video Monitoring and Streaming

- Monitor your 360° live production on an iPad and stream it directly to the web, all at the same time
- Compatible with any HDMI camera
- USB ports offer an integrated power solution for GoPro rigs and its stereo analog audio input allows you to embed the output of your soundboard right into the live feed
- No PC required to stitch panoramic footage into a 360° format
- Calibrate each camera's white balance, tint, and color profile right from the Sphere application
- Connects to wireless access points and the Internet via a 10/100 Ethernet jack
- Sphere iOS application allows you to save individual 360° snapshots and your stitched video footage directly to your iPad's hard drive in MP4 format



**TER-SPHERE • Discount \$3000.00**

## Teradek CUBE-655 HD-SDI Encoder 10/100 USB 2.4/5.8GHz

- H.264 encoder that transmits HD video over a/b/g/n WiFi, Ethernet, and cellular
- Includes ShareLink, a network aggregation service based on Teradek's bonding technology
- Encodes video at bitrates up to 15 Mbps for pristine quality in any application
- 3G-SDI and HDMI video input
- WiFi: 802.11 a/b/g/n/ac MIMO
- Hot Shoe Mount • Storage: microSD • Ethernet: 10/100BASE-T
- USB: USB 2.0 host port • Analog Line or Mic in • Headphone output



**TER-CUBE-655 • Discount \$2490.00**

## Teradek T-Rax H.264 Decoder Card - HD-SDI Output



- A flexible enterprise rack mount solution for digital video broadcasting.
- Whether you're outfitting the T-Rax with 8 encoder cards for multi bit rate streaming or a combination of encoders, decoders, and Sputnik for master control, T-Rax is the easiest way to scale an IP video workflow.
- With a unified control interface and a 2.8" graphical display, configuring and monitoring your T-Rax is incredibly simple. T-Rax is also compatible with Core, a cloud-based encoder fleet management system that offers a drag and drop workflow for simple video routing.
- 2RU chassis with redundant power.
- The encoder and decoder cards are based on Teradek's award-winning Cube family and utilize the HD-SDI inputs and outputs located on the back of the T-Rax chassis
- Support High Profile H.264 video at bit rates up to 15Mbps.
- Compatible with a variety of the most popular transport protocols, including MPEG-TS, RTP/RTSP, HLS, RTMP, TDS, and ZiXi.

**TER-TRAX-1106 • Discount \$1490.00**

## WELLAV NB100 Streamcast IP Video Encoders

- H.264 SD/HD and MPEG2 SD quality video encoder
- MPEG, AAC and AC3 audio encoding
- Rich IP streaming protocol support including UDP/RTP multicast or unicast, HLS-OTT, RTMP and RTSP
- QAM Annex A/C digital cable RF output
- Built-in Wi-Fi access point for web interface and for streaming
- Web interface designed for access by mobile phone browsers
- Front panel screen with status, setup and control capabilities
- Recording to and streaming from USB flash drives



**WAV-NB100-A1 • HDMI Component & Composite Inputs ..... Discount \$950.00**

**WAV-NB100S-A1 • SDI HDMI Component & Composite Inputs..... Discount \$1100.00**

## Teradek CUBE Encoders

- Built-In OLED Screen for Instant Setting Changes
- Built-in rechargeable Li-Ion Battery
- MIMO for better WiFi performance
- SD card for Recording
- Headphone output
- Two USB ports for Battery Charging & Connectivity
- Dual Band WiFi
- External USB Port, Ethernet & "Go Live" Button
- Hot Shoe Mount with 1/4 20 screw • Bullet Proof High Grade Aluminum
- HD-SDI Encoder • Lemo Power Input



**TER-CUBE-105 • 1 Channel 3G HD-SDI to h.264 Video Over Ethernet or 3G/4G LTE Encoder ..... Discount \$1690.00**

**TER-CUBE-155 • Dual Band WiFi 1-CH HD-SDI Encoder ..... Discount \$1990.00**

**TER-CUBE-255 • Dual Band WiFi 1-CH HDMI Encoder ..... Discount \$1590.00**

## Teradek Vidiu Camera-top HDMI H.264 Encoder



- VidiU offers API level integration with the Ustream and new Livestream platforms, which makes streaming to your channel as easy as logging into your account.
- VidiU's generic RTMP interface allows you to stream your live video content to a Wowza server or the platform of your choice at any time.

- VidiU streams over dual band MIMO WiFi, Ethernet, or via a single 3G/4G USB modem. Rechargeable Li-Ion battery lets you roam cable-free for up to 60 minutes.
- VidiU offers a free application for iOS that allows you to stream a second video feed to your mobile device for monitoring your live broadcast.
- Connect your HDMI video source to VidiU and stream at resolutions up to 1080p. Embedded HDMI audio, headphone output, and a mic/line input are supported.

**TER-VIDIU • Discount \$699.00**

**VIDIU-PRO offers:** Higher Bitrates • Enhanced WiFi • Internal Recording • Device Management using Core • Share Link Capability

**TER-VIDIU-PRO • Discount \$999.00**

**Hall Research 4K HDMI Audio Extractor with Audio Amplifier and RS-232 Control**

**NEW!**



- 4K HDMI audio extractor with EDID management
- Built-in 50 watt audio amp for direct connection to 8 Ohm speakers (25 watts/channel)
- Audio input for connect-

ing line-level inputs (e.g. wireless microphones)

- HDMI Ducking (when Line input is detected, HDMI sound volume in the mix is automatically lowered)
- Primary RS-232 port for device control, Secondary RS -232 port for auxiliary device control
- Supports HDMI, DVI, HDCP, 3D and Deep color
- Stereo or Mono output
- Priority Paging Sensor input (for automatically muting of the audio output)

**HRT-EMX-AMP • Reg. \$415.00 Discount \$394.25**

**Hall Research Programmable RS-232 Serial Device with Digital I/O IR Remote Playback**

- 4 user definable I/O screw terminals
- 10 user-programmable command strings
- IR Connector for optional detector or emitter
- 32 user-programmable IR memory
- User configuration for up to 4 Inputs, 4 outputs or any combination
- Optional IR remote control learn and playback



**BEST SELLER**

**HRT-HR-4P • Reg. \$210.00 Discount \$199.50**



**Hall Research 230' HDBaseT Lite HDMI over UTP Extender (Tx & Rx)**

- Extend HDMI or DVI over single Cat 5e/6 up to 230 ft (70 m)
- Full HD support 1080p deep color, 3D, and 4K x 2K
- HDCP Compliant with pass-thru EDID from display to source
- Supports virtually all HD and PC resolutions • Supports HDMI Audio
- Compatible with all HDBaseT and HDBaseT Lite compliant products • Locking HDMI connector • Universal power supply included • Uncompressed digital video extension guarantees 100% fidelity



**BEST SELLER**



**HRT-UH-1BT • Reg. \$430.00 Discount \$408.50**



**Hall Research UTP (CAT5) VGA/Audio Receiver with Long Cable Compensation to 1000'**

- Drive standard CAT5 cables to 1,000 feet
- Adjustable cable length compensation
- Receives video and audio on one cable
- Amplifies the signal for clean and crisp transmission
- Differential signaling eliminates ground loops & noise
- Handles resolutions up to 1920x1440 at 60Hz

**HRT-URA • Reg. \$290.00 Discount \$275.50**



**BEST SELLER**

**Hall Research HDMI Audio Extractor w/ EDID Management**

- Extracts both analog and digital audio
- Pass-through EDID or Learn and emulate custom files
- Powered from HDMI input or external power supply
- Re-locks HDMI and buffers DDC
- Surge protects HDMI input and output
- Supports DVI, HDMI, CEC, Deep-Color & 3D Video
- LED indicators for Mode and HDMI Video/Audio status
- Extract audio with or without a display • USB port for EDID management
- Can mute the L/R or TOS audio outputs independently
- Can remove the audio from the HDMI output signal



**HRT-EMX-HD-AUD • Reg. \$199.00 Discount \$189.05**

**Hall Research USB 2.0 Extender over Cat5e/6**



**BEST SELLER**

- Support for any high-speed (480 Mb/s) full-speed (12 Mb/s) or low speed (1.5 Mb/s) USB device.
- Allows a USB device to be remotely located by up to 50m (164 ft).
- Supports suspends/resumes standard for green operation.
- Supports Hot Plug/Unplug.
- Economical.
- No software driver required.



**HRT-U2-160 • Reg. \$155.00 Discount \$147.25**

**Hall Research Mini-Cat Video and Power Over UTP Extension**



**BEST SELLER**

- Eliminates the need for bulky, expensive and hard to build multi-coaxial cables for High-Resolution A/V extension
- Amplifies the signal for clean and crisp transmission
- Differential signaling eliminates ground loops and noise
- Handles resolutions up to 1920x1440 at 60Hz
- Drive standard Cat5 cables to 500 feet for (VGA and Component Video) or to 2000 feet for (Composite Video and Audio)
- EDID Emulation available in both standard and custom programming



**HRT-UV1 • Reg. \$325.00 Discount \$308.75**

**Hall Research VGA HDMI MHL Auto-Switching HDBaseT Wall-Plate**

- 3 inputs handle VGA, Component, HDMI (or DVI), and even MHL
- Supports phone charging feature if MHL source is detected
- VGA input is scaled to 1080p or user specified output resolution to ensure proper image
- Supports all HDMI resolutions including 4K (UHD)
- Can scale HDMI output resolution • Uses only one Cat6
- Distance to 500 ft (150m) at 1080p, or 330 ft (100m) at 4K resolution



**4K**

**BEST SELLER**



**HRT-UHBX-SW3 • Discount \$1329.05**

# WINNING SOLUTIONS FOR YOUR CLASSROOM!

## 4K HDMI Audio Extractor with 50 watt Amplifier

### EMX-I-AMP



**WINNER**  
BEST OF SHOW



- Extracts audio from HDMI input
- Provides 3.5mm audio input that can be mixed with audio from HDMI
- Volume can be controlled externally via simple rotary encoder, RS232, and IP
- Built-in graphical web interface for control of audio mix and volume
- Provides 2nd RS-232 output to control other devices such as projectors
- Directly connects to 8 ohm speakers, and features variable line-level output

## 4K Auto-Switching HDBaseT Extension VGA / HDMI / MHL

### SENDERS



UHBX-SW3-WP



UHBX-SW3-S

### RECEIVER



UHBX-R-PSE

- Inputs handle VGA, Component, HDMI and MHL
- Programmable IR and RS-232 commands for display on / off control
- VGA input is scaled to 1080p or user specified resolution to ensure proper image
- Extension to 500ft

## Adder AdderView Prism 4 Port Reverse KVM Switch



**NEW!**



- Enables you to connect multiple KVM (Keyboard, Video monitor and Mouse) consoles to a single computer or KVM Switch
- Connecting the Prism to a computer expands the number of KVM console connections, allowing you to control your computer from up to four different locations
- ideal for connecting to the front end of KVM switches to increase the number of consoles that can share access to the switch
- Supports a high 280MHz video bandwidth and incorporates a user-selectable video boost function which provides video amplification to compensate for losses introduced by long video cables.
- High video resolutions up to 1600 x 1200 are supported and super high resolutions exceeding 1900 x 1440 may be achieved when short cables are used.
- Ideal for console sharing, video splitting and resource sharing applications

**ADR-AVP4 • Discount \$269.10**

## Adder Link X-DVIPRO



- Perfect digital video, real time control: The ADDER Link X-DVI PRO MultiScreen extender uses an uncompressed system whereby every pixel of every frame are sent without loss.
- 50 meters over a single CATx cable: Video, USB 2.0 (Low and Full speed) and audio all pass along a single cable, providing up to 50 meters of extension.
- USB 2.0: Enables connection of any USB human interface device from mice and keyboards through to graphics tablets, jog shuttles, joysticks, 3D explorers and mass storage devices.
- Power efficiency: The X-DVI PRO MS extender is designed to be highly power efficient and run with the minimum of input.
- EDID management: The system has intelligent EDID management to allow the true characteristics of the monitor to be passed back to the computer.
- Plug and Play: The X-DVI PRO MS extenders are delivered in a zero config state so you can plug them in and start working with them straight away.

**ADR-X-DVIPRO-US • DVI & 4-port USB ..... Discount \$760.50**

**ADR-X-DVIPROMS2U • Dual Head DVI ..... Discount \$1345.50**

## Gefen DVI KVM over IP w/ Local DVI Output



- Extends DVI, USB, RS-232, and stereo analog audio over IP, using a Gigabit Local Area Network

- Any combination of HDMI, DVI, and VGA Senders and Receivers can be used together to create a "Virtual Matrix"

### GEF-DVIKVM-LANLR



DVI, and VGA Senders and Receivers can be used together to create a "Virtual Matrix"

- Supports resolutions up to 1080p Full HD and 1920 x 1200 (WUXGA)
- Supports a local DVI monitor at Sender side
- Supports 4 USB devices at Receiver side, with 500mA current capability per port, USB 2.0 data rates up to 480 Mbps, and backward-compatibility with USB 1.1
- Supports a total of just over 65,000 Sender and Receiver units, depending on the network bandwidth and number of ports on your network switch

**GEF-DVIKVM-LANLR • Receiver Unit Package ..... Discount \$387.95**

**GEF-DVIKVM-LANLT • Sender Unit Package ..... Discount \$333.95**



## NTI Xtendex PS/2 KVM Extender Via CAT5 Extending To 600FT



- The XTENDEX KVM extender provides local and remote KVM (PS/2 keyboard, PS/2 mouse and VGA monitor) access to a PC or NTI KVM switch up to 600 feet using CAT5/5e/6 UTP cable.
- Sharpest and clearest VGA quality over CAT5 of any manufacturer

- Supports two users: one local and one remote
- Local unit provides local KVM access
- Supports resolutions to 1920x1440
- Allows local and remote access to network servers
- Built-in surge protection
- Optional external surge protection available
- Available with optional stereo audio or RS232 control
- Keep-alive keyboard/mouse emulation for flawless operation
- Use in-house CAT5 wiring to locate a keyboard, monitor and mouse remotely
- Optional VESA mounting bracket is available for mounting the remote unit to the back of a flat panel monitor

**ST-C5KVM-600 • Reg \$365.00 Discount \$355.25**

## NTI HDMI USB KVM Over IP Extender with Audio RS232 and IR



- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 (WUXGA).
- Extend 1080p up to 330 feet in a Point-to-Point connection.
- Extend 1080p up to 660 feet in a Point-to-Point or Point-to-Many connection via a managed network switch.
- Supports USB 2.0 devices. Keyboard and mouse are hot-pluggable.
- Connect a mouse, keyboard, flash drive, or HDD.
- Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control.
- Load individual EDID tables from monitors.
- Support for multiple transmitters and receivers requires a managed network switch.
- Distance between transmitter and receiver can be up to 660 feet when using a managed network switch (330 feet on each side).

**ST-IPUSBH-L-1G • Sender ..... Discount \$275.00**

**ST-IPUSBH-R-1G • Receiver ..... Discount \$275.00**

## Gefen DVI KVM over IP - Sender Package



- Extends DVI, USB, RS-232, bi-directional stereo analog audio, and IR over IP, using a Gigabit Local Area Network

### GEF-DVIKVM-LANTX



- Any combination of HDMI, DVI, and VGA Senders and Receivers can be used together to create a "Virtual Matrix"
- Supports resolutions up to 1080p Full HD and 1920 x 1200 (WUXGA)
- Supports 2 USB devices at Receiver side, with 500mA current capability per port, USB 2.0 data rates up to 480 Mbps, and backward-compatibility with USB 1.1
- Supports 256 Senders and a total of just over 65,000 Receiver units, depending on the network bandwidth and number of ports on your network switch
- Three-port Ethernet switch built into the Receiver unit

**GEF-DVIKVM-LANTX • DVI KVM over IP - Sender ..... Discount \$387.95**

- Extends HDMI, USB, RS-232, bi-directional stereo analog audio, and IR over IP, using a Gigabit Local Area Network

**GEF-HDKVM-LAN-RX • HD KVM over IP Receiver ..... Discount \$348.95**

# MULTIVIEWERS



### Blackmagic Design Video Multiviewer for 4 Channels of SDI

- Advanced multi view allows the use of Ultra HD television for twice the image sharpness
- Display up to 4 SDI sources on a single HD or Ultra HD display via SDI or HDMI
- 4 multi rate 6G-SDI inputs with loop through outputs
- Compatible with all SD, HD and Ultra HD equipment and formats up to 2160p30
- Automatic frame re-sync allows simultaneous display of mixed SD, HD and Ultra HD formats
- Standard quad split view
- Supported output resolutions: 1920 x 1080 and 3840 x 2160
- Remote control via Ethernet using the included Mac and Windows software

**BMD-MULTVIEW4** • 4 Video Multiviewer 4-Chan SDI ..... **Discount \$495.00**

**BMD-MULTVIEW16** • 16 Video Multiviewer 16-Chan SDI ..... **Discount \$1420.25**

### Matrox TripleHead2Go Thunderbolt/DisplayPort Multi-Display-PC and Mac



- Run two or three monitors from your laptop or desktop computer
- Supports a maximum resolution of 5760x1080 (3x 1920x1080)@50Hz 1, 2 across three monitors
- Supports a maximum resolution of 3840 x 1200 (2x 1920 x 1200)@60 Hz 2 across two monitors



- Works with LCDs, CRTs and projectors
- Uses your system's existing GPU to deliver a stable platform for office, 3D design, and multimedia applications
- Quick and easy to install; there's no need to open the computer case or insert components

**MTX-T2G-DP-MIF** • **Discount \$329.00**

### Matrox TripleHead2Go Digital SE Edition 3 DVI Display Multiviewer

- Lets you connect up to three monitors to the single DisplayPort or Mini DisplayPort video output, or Thunderbolt port
- Creates a stretched desktop with a maximum resolution of 5760x1080 (3x 1920x1080) 2, 3 across three displays or 3840x1200 (2x1920x1200) 3 across two
- Expand your Windows desktop further by connecting a second TripleHead2Go Digital SE to your graphics hardware to support up to six monitors at a time



**MTX-T2G-DP3D-IF** • **Discount \$268.65**

### Matrox MicroQuad Quad SDI to HDMI Multiviewer for 3G/HD/SD



- On a single HDMI display in quadrant view, Matrox MicroQuad lets you monitor up to four SDI inputs that can be 3G or HD or SD
- Matrox MicroQuad always ensures a crisp, artifact-free monitoring experience thanks to its scaling algorithms with advanced filtering and de-interlacing
- Toggle to full screen view • Synchronize your inputs
- Monitor audio



**MTX-MICROQUAD** • **Discount \$995.00**

### Decimator Design DMON 3G/HD/SD Multiviewer/Multiplexers

- A fully portable converter incorporating an easy to use LCD and button control system
- Custom Layouts with various standard layouts
- Fast switching between inputs using Full-Screen scaling
- Selectable output format in both Full-Screen and Multi-Viewer mode
- Low latency buffering for each input allowing non-synchronous inputs
- Linked (3G/HD/SD)-SDI and HDMI outputs
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously



**DEC-DMON-4S** • 4-Chan Multiviewer ..... **Discount \$495.00**

**DEC-DMON-6S** • 6-Chan Multiviewer ..... **Discount \$995.00**

**DEC-DMON-12S** • 12-Chan Multiviewer ..... **Discount \$1295.00**

**DEC-DMON-16SL** • 16-Chan 3G/HD/SDI to HDMI ..... **Discount \$795.00**

**DEC-DMON-16S** • 16-Chan 3G/HD/SDI to 3G/HD/SDI & HDMI ..... **Discount \$1495.00**

### Decimator MD-QUAD Miniature (3G/HD/SD) QUAD SPLIT



- Low cost miniature (3G/HD/SD)-SDI 4 to 1 Quad Split Multiviewer or 4 to 1 input multiplexer
- Selectable output format in Quad-Split mode
- Linked (3G/HD/SD)-SDI and HDMI outputs
- 4 x (3G/HD/SD)-SDI inputs with auto detection (26 Formats supported in total)
- 8-Channel Audio metering for each quadrant
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously

- Pass-Through mode allowing any of the 4 inputs to be selected for output
- In Pass-Through mode the selected input is passed through to both the (3G/HD/SD)-SDI and HDMI outputs • On-Screen 20 character IDs (UMDs) for each input

**DEC-MD-QUAD** • **Discount \$1295.00**

### Decimator QUAD 3G/HD/SD Quad Split Multiviewer w/ CVBS and SD-SDI outputs

- Low cost miniature 3G/HD/SD-SDI 4 to 1 Quad Split or Down-converter with 4 to 1 input multiplexer
- Linked SD-SDI and Composite outputs
- 4 x 3G/HD/SD-SDI inputs with auto detection (26 Formats supported in total)
- Each quadrant is independent of the others, allowing any 3G/HD/SD format of any frame rate to be displayed simultaneously
- Full-screen mode allowing any of the 4 inputs to be selected for output
- In Full-screen mode the selected 3G/HD-SDI input is down-converted to either NTSC or PAL and a SD-SDI input is passed through untouched



**DEC-DECIMATOR-4** • **Discount \$795.00**

### American Video Picture-In-Picture Screen Splitter

- The PIPc-Pro combines 2 camera views on a single video channel
- Any 2 surveillance cameras to be displayed as either Split Screen, Picture in Picture, or compressed ( two full screens compressed on a single view)
- Picture in picture can be placed anywhere on-screen in either 1/16 or 1/9 inset picture size



**PIP-C** • **Discount \$396.95**

### Avenview Multiviewer Quad



- Screen video processor with IR remote
- Advanced video processor for multimedia presentations
- Supports up to 16 video inputs
- Four inputs can be outputted simultaneously with the desired display layout through software control



- Advanced video processor
- Embedded scaler converts signals from input sources to match the native resolution of monitors
- Dual analog (VGA) and digital (DVI) outputs

**AVW-SPLITPRO-4X • Discount \$3495.00**

### Avenview 2 Port 1080p to 2K/4K or 4K/2K to 1080p HDMI Scaler

- HDMI signal upscale from 1080p to Ultra HD or 4K
- HDMI signal downscale from Ultra HD or 4K to 1080p
- 1080p supports 24/25/30 Hz

- 4K2K supports 4096x2160p@24 Hz and 3840x2160p @ 24/25/30 Hz

- HDMI signal bypass
- Simultaneous HDMI outputs (Ports- Scaled/Bypass)
- Display an Ultra HD/4K2K source on a standard LED TV/monitor (Downscale)
- Display an HD (1080p@24 Hz) source on a 4K2K TV/Panel (Upscale)
- Easily integrate a 4K2K source into standard HDMI design
- Easily integrate a 1080p source into 4K2K design



**AVW-SC-HDM-HD42K • Discount \$359.00**



### Avenview Single CAT6 HDMI Extender Over IP System

- Silicon Image chipset embedded for best quality, compatibility and reliability
- HDMI 1.3c compliant • HDCP compliant
- EDID 1.1 • Regenerates the HDMI signal
- Extends HDMI up to 100m/120m over single CAT5E/6
- Supports resolution HDTV / 1080Pp/60Hz, Vesa (1920 x 1080)
- Supporting the point to point transmission function



currently which can be expanded to the multi-point to point transmission function.

- Pure unaltered uncompressed 7.1ch digital HDMI over LAN cable transmission
- Allows up to 150 Receivers to single Transmitter

**AVW-HDM-C6IP-SET • Discount \$249.00**

### Avenview HDMI 4K@60 IP Extender Over CATX with 4k Video Wall and Matrix Functions

- Uncompressed 4K@60 HDMI digital video signal
- 4K IP Matrix, video wall and quad multi-view

- Supports resolutions up to Ultra-HD 4K@60 (3840X2160)

- HDMI 2.0, HDMI 1.4 and DVI 2.0 compliant
- HDCP 2.2 / HDCP 1.2 compliant
- Zero frame latency
- 3-5sec switching time

- Supports point to point transmission, distance up to 100m with 4K signal



# AVENVIEW

### Avenview HDMI 4K IP Encoder and Decoder Over CATX 10-Gigabit with 4k Video Wall functions



- Supports point to point transmission, distance up to 100m with 4K signal

- Supports point to multiple, multiple to multiple mode via 10Gb Ethernet Switch
- Independent analog audio input and output at 2-channels, 24-bits@48KHz/channel
- Supports Bi-directional IR
- Supports Bi-directional RS232
- Supports 10/100/Gb auto sensing port, for pc control and upgrading
- Working with PC management tool for distributing operation

**AVW-HDMC6IP4KSET • Discount \$1998.00**

### Avenview HDMI H.264 IP Matrix Decoder/ Encoder Over CATX

- Flexible control and management options.
- CEC Function.
- Supports live IP video stream decoding
- Supports POE
- Capable of outputting two IP Streams
- Supports multiple interfaces HDMI, DVI, VGA, YPbPr or CVBS signals over IP networks



- Supports audio embedding and de-embedding
- Auto Scaler
- Supports H.264 features baseline profile, main profile and high profile.
- Supports H.264, TCP/IP, Telnet, UDP and IGMP
- Supports Auto IP, Zero-configuration networking (zeroconf)
- Seamless switching, no black screen, no frame lock.

**AVW-HDMC6MXIPSET • Discount \$1198.00**

**AVW-HDMC6MWIPSET • Videowall Mode Support • Discount \$1398.00**



### Avenview HDMI to Composite and S-Video Converter

- HDMI, HDCP and DVI compliant
- Converts video signal from HDMI source to NTSC or PAL signal (selectable)
- Converts digital audio from HDMI source to analog stereo audio

- Input resolutions, from HD-480i to 1080p@60 Hz
- Input resolutions, PC from VGA@60Hz to WUXGA@60 Hz (RB)
- Coaxial input audio sample rate 44.1 kHz, 48 kHz and 96 kHz
- Output image overscan or underscan switch ensure best image size on screen
- Apple Mode switch guarantees the use of Apple devices

**AVW-CPROHDMCVIDA • Discount \$329.00**

- Supports multi-point mode via 10Gb Ethernet Switch
- Instant switching (in fast switching mode)
- Independent analog audio input and output at 2-channels, 24-bits@48KHz/channel
- Supports Bi-directional IR, RS232 and USB
- Supports Bi-directional RS232
- Supports 10/100/Gb auto sensing port, for pc control and upgrading

**AVW-HDM2-APEX4KS • Discount \$3599.00**





**CONTROL YOUR VIDEO OVER IP**

# APEX4K

CONTROL YOUR VIDEO OVER IP

Avenview's Apex 4K@30/60 HDMI/DP over IP units brings high quality viewing experience with maximum ability to control and view any digital content. The APEX4K Series extends not only video but also audio, IR, RS232 & USB over fast and reliable CAT5 & Fiber Optic connection.



**VIEW IT ONLINE**  
[avxwall.com](http://avxwall.com)



**H.264**  
**MPEG-4/AVC**

## M-SERIES

**HDMI EXTENDER OVER IP**

Avenview's M-Series features three products with HDMI over IP connectivity. The M-Series product line is not only expandable but is also very economical. Whether you need video wall, multiviewer, or matrix setup; M-Series product line can be configured to your needs!



**VIEW IT ONLINE**  
[mseries.avenview.com](http://mseries.avenview.com)

## Blackmagic Design UltraStudio Mini Recorder

- The mini recorder that fits in your pocket
- Simply plug in and record from any SDI and HDMI device
- SDI Video Input: 1 x 10 bit SD/HD switchable.
- HDMI Video Input: 1 x HDMI type A connector
- SDI Audio Input: 8 Channels embedded in SD and HD.
- HDMI Audio Input: 8 Channels embedded in SD and HD.
- Plus Thunderbolt.



**BMD-ULSDZMINREC** • Reg. \$145.00 **Discount \$137.75**



## Blackmagic HyperDeck Studio Pro 2 Ultra HD 4K 6G-SDI Solid State Disk Recorder

- 6G-SDI, HDMI 4K and analog connections with standard XLR connectors for audio and timecode, and a built in Thunderbolt port
- Supports SD/HD and Ultra HD 4K capture and playback
- HyperDeck Studio disk recorders let you record the highest quality uncompressed and compressed ProRes and DNxHD video formats using fast 2.5" SSDs
- Designed with familiar VTR controls, HyperDeck Studio includes innovative features that extend beyond the capabilities of traditional decks

**BMD-HYPERD-STP2** • Reg. \$1995.00 **Discount \$1895.25**

## Blackmagic Video Assist

- Now it's easy to add professional monitoring and recording to your camera
- Bright 5 inch high resolution 1920 x 1080 monitor
- Built in recorder uses high speed SD cards to record professional ProRes and DNxHD files with incredible quality and 10 bit color depth
- Works with everything from DSLR's to older tape based camcorders



**BMD-HYPDADASSHD**  
**Discount \$495.00**

## Blackmagic SmartView HD 17" SD-HD-3G/SDI Rackmount Monitor

- Affordable and compact SDI rack monitoring system perfect for post-production, broadcast or live events
- One inch thick 17" LCD screen for full HD 1920 x 1080 resolution monitoring
- Handles all SD, HD and 3 Gb/s SDI video formats and includes built-in ethernet
- includes red, green and blue tally indications



**BMD-HDL-SMTVHD** • Reg. \$895.00 **Discount \$850.25**

## Blackmagic Design UltraStudio SDI



- The world's smallest SDI capture and playback solution for USB 3.0 Computers!
- UltraStudio SDI simply plugs in to add 10 bit SDI capture and playback, plus HDMI monitoring to your computer!
- Powers from the USB connection,
- High quality SDI and HDMI monitoring,
- Genlock and RS-422 deck control built in,
- Highest quality solution for editing, effects, paint and design!

**BMD-BDLKULSASDI** • Reg. \$395.00 **Discount \$375.25**



## Blackmagic HyperDeck Studio 2 HDMI/3G-SDI Solid State Disk Recorder

- 1RU File-Based Video Recorder
- Records Uncompressed 10-bit 4:2:2
- Records Compressed in ProRes / DNxHD
- Records on Two 2.5" SSDs
- 1 x 3G-SDI Input, 3 x Outputs
- 1 x HDMI Input, 1 HDMI Output
- Outputs are Always Active
- Front Panel Button, Jog Wheel & RS-422
- Multi-Display Integrated LCD

**BMD-HYPERD-ST2** • Reg. \$995.00 **Discount \$945.25**

## Blackmagic SmartView Dual 8" Intelligent SDI Rack Monitors

- Dual 8" LCD Monitors  
Large color LCD monitors with high quality video filtering for amazing images.
- Monitor 2 SDI In with Loop Out SDI/HD-SDI and 3 Gb/s SDI input connection for decks, routers or cameras in 10 bit SD, HD or even 2K.
- Tally Connection Industry standard tally inputs for each monitor allows independent tally to display red, green or blue.
- Ethernet In with Loop Out Control all your monitors from a single computer for easy matching between displays!



**BMD-HDL-SMTVDUO** • Reg. \$495.00 **Discount \$470.25**

## Blackmagic Audio to SDI Mini Converter



- Embed 4 channels of analog audio, or 8 channels of AES/EBU digital audio into any SDI video connection
- Instantly switch between standard definition and high definition video formats
- Huge range of video standards are supported
- 3 Gb/s SDI is also fully compatible with all your standard definition and high definition SDI equipment. • Universal power supply is included

**BMD-CONVMCAUDS** • **Discount \$185.25**

**BMD-CONVMCSAUD** • SDI to Audio Mini Converter • **Discount \$185.25**



## Next generation mini converters with advanced 12G-SDI and support for all SD, HD and Ultra HD formats up to 2160p60!

Teranex Mini converters feature a revolutionary design which for the first time allows you to use the same converter rack mounted, on a desktop or hidden in cable ducts! With 12G-SDI and award winning Teranex quality you get the world's best converters that work in all SD, HD and Ultra HD formats up to 2160p60. Now you can do production in high frame rate Ultra HD but still use the same converter in SD and HD!

### Advanced 12G-SDI

Teranex Mini converters feature advanced 12G-SDI technology that's 8 times faster than regular HD-SDI. The 12G-SDI connections are multi rate, automatically detecting and changing between all SD, HD and Ultra HD video formats up to 2160p60 instantly, making them compatible with all of your existing SD and HD equipment.

### True Broadcast Connections

Teranex Mini features extremely high speed BNC connectors for fast 12G-SDI rates plus professional XLR connectors for balanced analog or AES/EBU audio and timecode. The built in power supply uses a standard IEC AC power connection. Teranex Mini also supports power over ethernet (PoE+) so you don't even need to plug in AC power!

### Legendary Teranex Quality

Patented Teranex algorithms, along with 12-bit image processing make Teranex Mini the highest quality mini converters available! You also get SDI re-clocking and extremely low jitter for longer cable runs, along with professional XLR audio with a low noise floor of -115dBFS so analog audio background noise is virtually silent!

### Teranex Mini Smart Panel

The easy to install optional front panel adds push button controls and bright color display so you can quickly change settings and see the video and audio levels. You also get on screen menus for all settings. Plus you can administer the converters remotely via the built in ethernet connection on Mac OS X and Windows computers!

### Teranex Mini SDI Models

BMD-CTMAASDIH.....	Discount \$470.25
BMD-CTMABHSDI.....	Discount \$470.25
BMD-CTMBASDIAN.....	Discount \$470.25
BMD-CTMBBANSDI.....	Discount \$470.25
BMD-CTMCASDIAU.....	Discount \$470.25
BMDCTMCBAUSDI.....	Discount \$470.25
BMD-CTRMDBSIQD.....	Discount \$470.25
BMD-CTRMDAQSDI.....	Discount \$470.25
BMD-CTRMEADA.....	Discount \$470.25

### Teranex Mini Accessories

BMD-CTMYASMPN.....	Discount \$80.75
BMD-CTMYARSH.....	Discount \$137.75





**DELVCAM®**

- Display Panel 7" LED backlit
- Physical Resolution 1024x600, support up to 1920x1080
- Aspect Ratio:16:9 • Brightness 250cd/m2 • Contrast 800:1
- Viewing Angle 160°/150°(H/V)

**DELV-SDI-7 • 7 Inch Monitor ..... Discount \$399.95**  
**DELV-SDI-10 • 10 Inch Monitor ..... Discount \$649.95**

**Delvcam Advanced Function 7" 3G-SDI Camera-Top LED Monitor**

- Wide viewing angles
- High contrast 800:1
- Flexible frame rates 24FPS, 25FPS, 30FPS, 50FPS and 60FPS
- 5D-II camera mode
- 3G-SDI, YPbPr & HDMI input/output
- Flexible folding sunshade
- Wide voltage DC 7-24V

**Delvcam HDMI Looping 7" LCD Monitor with DSLR Camera Functions**



**DELVCAM®**

**Delvcam... Best Quality for the Best Price!**

- Canon 5D DSLR Ratio Adjustment
- HDMI Looping Output
- Pixel to Pixel Mode
- False Color, Peaking, Exposure On/Off
- Snap-on Folding Sun Shade Included
- Front Firing Speaker
- 1/4-20 Mounts on Three Sides • Adjustable Markers
- Adapter Plate for F970 & Similar Sony Batteries
- Swiveling Shoe Mount Included • 75x75 Vesa Mountable
- 12V DC or Battery Powerable (AC Adapter Included)

**DELV-DSLR-7L • Reg. \$299.95 Discount \$279.95**

**Delvcam 3GHD/SD Multiformat Dual 7" Rackmount Video Monitor**

- Dual 7" Rackmount
- SDI ,HDMI, Composite or Component
- TALLY interface with Indicating Light
- 3RU Metal Housing
- 178° Wide Viewing Angles
- High Contrast: 800:1
- Fast Response Time
- Ultra-slim Design
- Active Buffered Outputs
- Panel: 7" x2 LED backlit
- Physical Resolution: 1280x800
- Aspect Ratio: 16:9
- Brightness: 400cd
- Contrast: 800: 1
- Viewing Angle: 178°/ 178°(H/V) (IPS)

**Delvcam Dual 7" 3RU VGA & DVI & Composite Monitor**

**Super-reliable and low-cost dual 7" rackmount IPS LCD monitors featuring DVI/VGA/ Composite inputs pair broadcast performance with multi-format flexibility including a wide range of supported resolutions!**

- Super slim and feature rich
- Wide viewing angles
- LCD panel: 400cd/m2
- Dual VGA, Composite & DVI in/outputs
- Metal housing
- Independent power switches
- Panel: Dual 7" LED backlit
- Physical Resolution: 800x480
- Aspect Ratio: 16:9
- Brightness: 400cd/m2
- Contrast: 500:1
- Viewing Angle: 140°/120°(H/V)
- INPUT Composite: 2, VGA: 2, DVI: 2
- OUTPUT Composite: 2, VGA: 2, DVI: 2

**Delvcam 1920x1200 7" HD LCD Monitor with HDMI/SDI Cross Conversion & Waveform**



**Don't wait till you get back to the studio to find out your critical shot went wrong!**

- High Resolution: 1920 x 1200 • High Contrast: 1000:1 • 170° Wide Viewing Angles
- SDI and HDMI Cross Conversion
- Integrated Waveform & Vectorscope Displays
- Audio Level Meter • Rugged Metal Housing
- Display Screen: 7 inch • Aspect Ratio: 16:10
- Brightness: 500 cd/m2 • Input: 1- 3G-SDI, 1-HDMI
- Output: 1- 3G-SDI, 1-HDMI • Current: 1A
- Power Consumption: 13W
- Input Voltage: 7-24VDC
- Audio: 1 Speaker, 1 Earphone Jack



**DELV-HD7-HSC • Reg. \$699.95 Discount \$649.95**

**Delvcam 7" Camera-Top Monitor with HDMI & AV Input**



- Built-in 2600mAh battery & battery charge level indicator
- Dimension(LWD): 7.3 x 5.0 x 1.2 inches
- HDMI & AV inputs
- 12VDC adapter
- Foldable sunshade
- Display Panel: 7" IPS
- Physical Resolution: 1280x800 • Aspect Ratio: 16:9 • Brightness: 400cd/m2
- Contrast: 800:1 • Viewing Angle: 178°/178°(H/V) • INPUT HDMI: 1, AV: 1
- OUTPUT AV: 1 • AUDIO Speaker: 1, Ear Phone Slot: 1 • POWER Current: 580mA
- Input Voltage: DC 7-24V • Power Consumption: <7W



**DELVCAM®**

**DELV-HDMIB • Reg. \$269.95 Discount \$249.95**



**DELVCAM®**

**DELV-2LCD7-3GHD • Reg. \$699.95 Discount \$629.95**

**DELVCAM®**



**DELV-2LCD7-CVGAD • Reg. \$399.95 Discount \$369.95**

# DELVCAM MONITORS



**DELVCAM**

### Delvcam 15" 4K UHD HDMI 3G-SDI Quad View LED 6RU Broadcast Monitor

Get the immediate satisfaction of visualizing what your viewers will see and seize control of your imagery.

- Rack Mountable - fits standard 19" 6RU equipment rack
- 15-inch Viewing Screen
- Multiple Viewing Options - Full Screen, Split, Quad
- Multiple Interfaces • 1 3G-SDI Input
- 4 HDMI Inputs: 1-4K, 3-1080P • High Contrast
- Removable carrying case for 100x100 & 75x75 VESA mount and rack mounting
- Aspect Ratio: 16:9 • Brightness: 330cd/m<sup>2</sup>
- Contrast: 1000:1 • Viewing Angle: 176°/176°(H/V)
- Native Resolution: 4K, 3840x2160
- Special Functions: Tally Interface, Check Field, Image Flip, Overscan, Underscan, Image Freeze, Color Temperature, User Definable Function Buttons
- Image Control: Peaking, Split Screen, Quad View, User Adjustable Markers
- Input: 1 3G-SDI, 1 HDMI 2.0 (4K), 3 HDMI 1080P, 1 DVI, 1 VGA, 1 Audio • Loop Out: 1 3G-SDI

**DELV-4KSDI15 • Reg. \$949.95 Discount \$899.95**



**DELVCAM**

### Delvcam 17.3" High Resolution 3G-SDI HDMI Rackmount LCD Monitor



The perfect solution when you need crystal clear broadcast quality imagery and format flexibility.

- Adjustable Tilt
- 17.3-inch LCD screen
- Slim design with grip handles
- Durable black powder-coated steel housing
- Multiple signal outputs • Stereo earphone jack
- 3 color Tally indicator • Customizable function buttons
- USB for software upgrade • Built-in speakers
- Display Screen: 17.3 inch TFT LCD screen
- Resolution: 1920 x 1080 • Brightness: 400cd/m<sup>2</sup>
- Contrast: 600:1 • Aspect Ratio: 16:9
- Viewing Angle: 80°/80°(L/R) 60°/80°(U/D)
- Input Signal: 3G-SDI, HDMI, YPbPr, Video, Audio(L/R), DVI-I
- Output Signal: 3G-SDI, HDMI, YPbPr, Video

**DELV-3GHD-17RM • Reg. \$1399.95 Discount \$1299.95**



**DELVCAM**

### Delvcam 5" Triple Rackmount 3G-SDI HDMI Video Monitor

Three 5-inch LCD screens provide the ideal solution for fly-packs, production trucks and OB vans.

- 3 vibrant color 5-inch LCD screens
- Ultra-slim design with grip handles
- Durable black powder-coated steel 2RU cabinet
- Stereo earphone 3.5mm jack
- Customizable function buttons
- 3 color Tally Indicator controlled via DB-15 port
- 3G/HD/SD-SDI loop output • Camera 5D II Mode
- Resolution: 800 x 480 x 3 (RGB)
- Brightness: 500cd/m<sup>2</sup> • Contrast: 500:1
- Aspect Ratio: 16:9
- Viewing Angle: 70°/70°(L/R) 50°/70°(U/D)
- Color Format: PAL-4.43 / NTSC-3.58
- Power Input: 12VDC 4-pin XLR
- Each Screen: 3G/HD/SD-SDI input, 3G/HD/SD-SDI loop output, HDMI input, HDMI loop output, CVBS input, CVBS output, Audio(L/R) input, Stereo Earphone output, USB for Software Upgrade

**DELV-3LCD-3GHD • Reg. \$1099.95 Discount \$1049.95**

**DELVCAM**



### Delvcam 4K UHD Multi-Format Quad View Broadcast Monitor Mounted in Rugged Carrying Case

The Delvcam 4K UHD broadcast monitor features either a 28-inch or 24-inch screen with multiple viewing options, including built-in quad and multiview, as well as a high contrast display for the ultimate cinematic experience. With multiple interfaces including 3G-SDI, HDMI, VGA, DVI and audio, this monitor is ideal for ENG news crews, TV stations, production studios, and directors in live and post production applications.

The 3840x2160 resolution supports 4K UHD signals with a 16:9 LED display and 170° wide viewing angles for consistent images from any perspective. The high contrast display creates rich colors and sharp, detailed images. The monitor is mounted in a reinforced case that features a hinged, lockable door for access to the back of the monitor.

**DELV-4KSDI28 28" ..... Reg. \$1199.00 Discount \$1079.95**  
**DELV-4KSDI24 24" ..... Reg. \$1179.95 Discount \$1049.95**



- Multiple Viewing Options - Full Screen, Split, Quad
- Multiple Interfaces ■ 4 HDMI Input: 1-4K, 3-1080P ■ High Contrast



**NEW!**

**Ocean Matrix 1-Channel 3G-SDI Video & 2-Channel XLR Audio Hum Eliminator**

- Avoid the "Digital Cliff" Effect
- Strips Signal Free of Noise, Instability and Potential Jitter Due to Bit Errors
- Front Panel Ground Lift Switch for Each Audio Channel
- Exceeds SMPTE 259M , 344M , 292M and ITU-R BT Specifications
- 4.75 x 4.75 x 4.75; 4 Lbs.

**OMX-AVHE-210-3G • Discount \$225.00**



**Allen Avionics HD-SDI Video Isolation Transformer**

- Video Isolation Transformer for eliminating hum in High Definition Serial Digital Transmission Lines.
- Supports all transmission rates of SMPTE259m and SMPTE292m up to 1.50Gbps HD-SDI Video Input
- Equivalent to less than 20 feet of cable • Isolated Signal Path • Greater than 60 dB of Ground Loop Isolation



**HD-VIT-75 • Discount \$149.95**



**LIEN Single Channel Passive HD Video Ground Isolator**

- Electrical Grounding between equipment
- No distortion of full bandwidth signal
- Suitable for ASI format
- HD and SD compatible

**LEN-HDF01 • Reg. \$130.02 Discount \$106.10**

**LIEN HD-SDI Video Ground Isolator 4000 Volt - 4kV Breakdown**



- Electrical Grounding between equipment - blocks up to 4000 volts
- No distortion of full bandwidth signal - suitable for SD and HD-SDI
- Suitable for ASI format
- Small and lightweight
- Passive - no power supply needed

**LEN-LHDF03 • Reg. \$415.74 Discount \$392.29**



**LIEN 3G-SDI Ground Isolator**

- Electrical Grounding between equipment
- No distortion of full bandwidth signal
- Effective on 3G, HD and SD signals
- Suitable for ASI format
- Small and lightweight

**3GF01 • Reg. \$155.98 Discount \$144.36**



**LIEN 3G HD SDI Galvanic Video Ground Path Isolator - In Line**

- Bandwidth: 0.5MHz to 3.0GHz
- DC Breakdown voltage: 100 volts minimum
- Input and output impedance: 75 ohms • Return loss: >20dB
- Dimensions: 30 x 20 (l x diameter) mm • Weight: 36g

**LEN-L3GGI01 • Reg. \$218.34 Discount \$188.16**



**Ocean Matrix VHE Series Hum Eliminators**

These units are 3G and HD SDI compatible and exceed the specifications for SMPTE 259M, 344M, 292M and ITU-R BT. These units are also fully compatible for removing hum from your analog Composite signal as well.

**Specifications:** Impedance: 75 Ohms • Isolation between channels: 100 dB • Bandwidth: 3 GHz • Return Loss: 23 dB to 1 GHz, 19 dB to 3 GHz • Hum Rejection: 13 V hum

**VHE-125-3G** Single w/handles.....Reg. \$139.95 **Discount \$129.95**

**VHE-300-3G** 3-Channel, 6 Lbs.....Reg. \$322.95 **Discount \$309.95**

**VHE-500-3G** 5-Channel, 7.5 Lbs.....Reg. \$509.95 **Discount \$489.95**



**Jensen VRD-1FF IsoMax Digital RF Isolator**

- Improves audio/video quality by reducing 60 Hz ground currents
- 2 MHz to 1300 MHz bandwidth spans VHF/FM/UHF/CATV spectrum

**jensen transformers** • Capacitive based design minimizes broadcast channel interference

- Meets FCC Part 76 Regulations for CATV systems

**JEN-VRD1FF • Reg. \$80.00 Discount \$69.99**



**Jensen VB-1BB IsoMax Composite Video Isolator**

- Single Channel Baseband Video Isolator Transformer eliminates video as well as audio hum.
- -3dB at 10-10MHz Bandwidth • CMRR 120dB at 60Hz • 0.55dB Insertion Loss
- 75 Ohm BNC connectors • 3.5" L x 1.75" W x 2.1" H



**JEN-VB1BB • Reg. \$120.00 Discount \$99.99**

**Jensen VB-1RR Composite Video Isolator Single Channel**



- Similar in function to the JEN-VB1BB but utilizing RCA connectors this Single Channel Baseband Video Isolator Transformer eliminates video as well as audio hum.
- -3dB @ 10-10MHz Bandwidth • CMRR 120dB @ 60Hz • 0.55dB Insertion Loss



**JEN-VB1RR • Reg. \$120.00 Discount \$99.99**



**Jensen JT-11SSP-6M 600 Ohm Line Isolation**

- Ideal for use with low input impedance circuits
- Wide bandwidth: -3dB at 0.4 Hz and 220 kHz
- Recommended for levels up to +19 dBu at 20 Hz
- Insertion loss only 1.9 dB in 600 S to 600 S application
- High common-mode rejection: 110 dB at 60 Hz



**JT-11SSP-6M • Reg. \$134.95 Discount \$119.95**



## SESCOM®

### Sescom 2-Channel Bidirectional Audio Over Fiber Extender

The cost effective solution for sending **bidirectional balanced audio** over a single fiber cable! The SES-FA2BAL-BD supports 16-bit digitally encoded broadcast audio for use on multimode or singlemode optical fiber. The unit maintains a broadcast quality audio signal at distances up to 2.5 miles on multimode fiber and up to 50 miles on singlemode fiber.

Its plug-and-play design ensures fast, adjustment-free installation and operation. LED indicators are provided to instantly monitor the system operating status. Professional bayonet style ST connectors ensure a consistent, uninterrupted signal.

**Bidirectional audio makes these units perfect for camera talkback systems.** The complete transmitter and receiver kit is perfect for Stadiums, Live Event Stages, Broadcast TV, Theme Parks, Distance Surveillance and Professional AV.



#### FEATURES

- Bidirectional 2-Channel Audio on XLR Connectors
- No adjustments; pure digital processing and transmission
- Maximum Audio Level +24 dBu 20 Hz to 20 kHz Frequency Response
- Line Level, Balanced or Unbalanced Audio Operation
- Indicator LEDs monitor audio signals and power
- Standalone Chassis with Surface Mounting Bracket



SES-FA2BAL-BD • **Discount \$699.95**

### Sescom 4-Channel Balanced Audio Over Fiber Extender

Send 4-Channels of XLR balanced audio over a single fiber with the Sescom SES-FA4BAL. The simplest solution for sending XLR audio over long distances via multi-mode or single-mode optical fiber. The unit maintains a broadcast quality audio signal at distances up to 2.5 miles on multimode fiber and up to 15 miles on singlemode fiber.

Its plug-and-play design ensures fast, adjustment-free installation and operation. LED indicators are provided to instantly monitor the system operating status. Professional bayonet style ST connectors ensure a consistent, uninterrupted signal. The complete transmitter and receiver kit is perfect for Stadiums, Live Event Stages, Broadcast TV, Theme Parks, Distance Surveillance and Professional AV.



#### FEATURES

- 16-Bit Digitally Encoded Audio
- Support Point-to-Point or Daisy-Chain connection
- Multimode Fiber Transmission up to 2.5 Miles without Attenuation
- Single-Mode Fiber Transmission up to 15 Miles without Attenuation
- No EMI, RFI, Cross Talk or Video Distortion and no Ground Loops
- Transmitter & Receiver: 6.6" L x 6" W x 1.75" H



SES-FA4BAL • **Discount \$699.95**

### Sescom 4-Channel Unbalanced Audio Over Fiber Extender

Send 4-Channels of RCA unbalanced audio over a single fiber with the Sescom SES-FA4UB. The simplest solution for sending RCA audio over long distances via multi-mode or single-mode optical fiber. The unit maintains a broadcast quality audio signal at distances up to 2.5 miles on multimode fiber & up to 15 miles on singlemode fiber.

Its plug-and-play design ensures fast, adjustment-free installation and operation. LED indicators are provided to instantly monitor the system operating status. Professional bayonet style ST connectors ensure a consistent, uninterrupted signal. The complete transmitter and receiver kit is perfect for Stadiums, Live Event Stages, Broadcast TV, Theme Parks, Distance Surveillance and Professional AV.



#### FEATURES

- 24-Bit Digitally Encoded Audio
- Support Point-to-Point or Daisy-Chain connection
- Multimode Fiber Transmission up to 2.5 Miles without Attenuation
- Single-Mode Fiber Transmission up to 15 Miles without Attenuation
- No EMI, RFI, Cross Talk or Video Distortion and no Ground Loops
- Transmitter & Receiver: 4" L x 4" W x 1.1" H



SES-FA4UB • **Discount \$279.95**

### Sescom Unbalanced Audio Over Fiber Extenders

The cost effective solution for sending 8 or 16-channels of unbalanced audio over a single fiber cable! The SES-FA16UB supports 24-bit digitally encoded broadcast audio for use on multimode or singlemode optical fiber. The unit maintains a broadcast quality audio signal at distances up to 2.5 miles on multimode fiber & up to 15 miles on singlemode fiber.

Its plug-and-play design ensures fast, adjustment-free installation and operation. LED indicators are provided to instantly monitor the system operating status. Professional bayonet style ST connectors ensure a consistent, uninterrupted signal. The complete transmitter and receiver kit is perfect for Stadiums, Live Event Stages, Broadcast TV, Theme Parks, Distance Surveillance and Professional AV.



#### FEATURES

- No adjustments; pure digital processing and transmission
- Maximum Audio Level +24 dBu
- 20 Hz to 20 kHz Frequency Response
- Line Level, Balanced or Unbalanced Audio Operation
- Indicator LEDs monitor audio signals and power
- Standalone Chassis with Surface Mounting Bracket

SES-FA8UB • **Discount \$399.95**      SES-FA16UB • **Discount \$699.95**

### Sescom 2-Channel Unbalanced Line Level Audio Over Fiber Extender Kit

Sescom's SES-FA1 is a complete transmitter and receiver system for sending unbalanced 2 channel line-level audio over singlemode optical fiber. Housed in a rugged lightweight aluminum enclosure the SES-FA1 is perfect for broadcast or corporate studios, broadcasting in the field, OB vans, rental & staging, auditoriums, stadiums and theaters or anywhere you need to send audio up to 80Km (single mode - 2Km on multimode). Professional ST & L/R RCA connectors are included. The Transmitter and Receiver units are each powered by a 5VDC 2Amp power supplies and feature compact 4" x 4" x 1.25" enclosures.

SES-FA1 • Reg. \$295.00 **Discount \$279.95**



### Sescom Portable 2-Channel Mic & Line Level Audio Over Fiber Extender Kit

Introducing the world's first battery operated 2-Channel balanced mic or line level audio over fiber optic extender system! Perfect for broadcast or corporate studios, broadcasting in the field, OB vans, rental & staging, auditoriums, stadiums and theaters & more! 9V Battery or AC Powered! The Sescom FA2 provides two balanced inputs via XLR connectors. Both the transmitter and receiver feature an independent mic/line level switch on each channel. This gives you the flexibility to convert mic to line or line to mic at either end.

SES-FA2 • Reg. \$695.00 **Discount \$659.95**



**SESCOM**

**Sescom HDMI Audio Inserter**

*Add Alternative Audio to Your HDMI Output Stream!*



- FEATURES**
- External audio input to HDMI
  - Alternative audio selection to your HDMI output
  - Compliant with HDMI 1.3, HDCP 1.2 and DVI 1.0
  - Supports HDMI Sample Rates up to 192 kHz
  - Supports Optical Sample Rate up to 48 kHz
  - Supports TMDS clock frequency rate 225 MHz
  - Supports high-bit-rate (HBR) audio
  - HDMI cable distance test with 1080p 8/12bit resolution, the input & output can be up to 10 meters or approx. 30 feet long
  - Low power consumption
  - Supports 3D HDMI signals as well
  - Powered via included external adapter
  - 3.5"L x 3.5"W x 1.5"D

The Sescom SES-AUDIO-N-HDMI Audio Inserter lets you insert an external audio signal into your HDMI/DVI signal path. The device allows you to insert stereo and multi-channel surround sound signals to give users the capability to select their favorite audio material.



**SES-AUDIO-N-HDMI • Reg. \$154.95 Discount \$139.95**

**Sescom A/V "Lip-Sync" Corrector**



- FEATURES**
- Zero Delay signal bypass option
  - Ideal for showroom displays
  - High Resolution Audio Sample Rate Of 48 kHz
  - Low power consumption
  - Up to 24-bit resolution
  - Powered via included external universal AC/DC adapter (input: 100V-240V AC, 50-60Hz)
  - Precise Digital Delay Circuitry is very high quality
  - 1.75"L x 1.75"W x 1"D

The SES-A-V-SYNC is a L/R In-Out audio-video synchronization corrector. Corrects common audio delays - especially when distributing video over long distances or through multiple devices like distribution amplifiers and set top boxes. This also happens when the audio from sources is sent to audio amplifiers over analog lines while the video is sent to the display over HDMI or digital lines. The SES-A-V-SYNC can be manually adjusted so the audio delay can be set from 0-300ms in set increments so you can perfectly synchronize your audio and video -so when the program is viewed the audio and video are perfectly in sync. The SES-A-V-SYNC, also sometimes referred to as a "Lip-Sync-Corrector" is an affordable and compact device that when installed greatly enhances your audio/video experience. 48kHz sample rate to provides superior performance under demanding conditions.

**SES-A-V-SYNC • Reg. \$89.95 Discount \$79.00**

**Sescom IL-XLR-POSTS Male and Female XLR Connector**

*Tiny form factor, Big-time convenience and function!*



Every Audio Professional Needs These! No fancy explanations - just three screw down binding posts for banana plugs or any bare wire to XLR hook-up application. The IL-XLR-POSTS allows for fast termination in the studio or the field. Big color coded screw down binding posts mounted to a durable ABS plastic injection molded housing with BOTH a male and female XLR this TAPPER is ready to plug directly into ANY-



THING! Accepts standard banana plugs for interface or quick access of your bare wire to the world of XLR. The IL-XLR-POSTS is ideal for interfacing older Telco equipment too. Posts are color coded red, black and green using industry standards. When used between cables this device will be a true inline "TAP" for accessing what is on your cables via the binding posts. Accepts standard banana plugs with standard spacing.

**IL-XLR-POSTS • Reg. \$36.95 Discount \$32.95**

**Sescom UHD 4K/2K HDMI Audio Inserter & HDMI Extender**

*Embed a Custom Audio Stream with Your HDMI Signal!*



- FEATURES**
- HDMI, HDCP 1.2 and DVI 1.0 compliant
  - HDMI audio sampling rates: up to 192kHz
  - Optical (Toslink) digital audio sampling rates: up to 192kHz
  - HDMI supports high-bit-rate (HBR) audio
  - DVI conversion with HDMI to DVI adaptor
  - CEC bypass function
  - L/R Audio Format Analog Stereo 2CH
  - Supports 4Kx2K@24/30Hz resolution and 3D signals

A natural problem solver, the Sescom SES-AUD-N-HDMI4K is a simple solution for embedding stereo analog or multi channel surround external audio into your HDMI signal stream via a 3.5mm mini or Toslink connection. The Sescom HDMI audio inserter finds a home in digital signage advertising applications as well as smaller multicamera live production shoots where a single audio feed makes more sense than individual camera audio.

The unit supports HBR (high bit rate) Audio or Optical Toslink audio with sampling rates up to 192 khz! It is also HDCP 1.2 and DVI 1.0 compliant and supports 4Kx2K@24/30hz resolution and 3D signals! Avoid issues downstream with a CEC bypass function while you extend your 1080p, 8 bit, HDMI signal an additional 49 feet!

**SES-AUD-N-HDMI4K • Reg. \$159.95 Discount \$149.95**

**Sescom SRS True Volume Audio Regulator**

*Regulates Audio Volumes to a Consistent Level Every Time!*



- FEATURES**
- Regulates TV/Satellite/Radio broadcast volume levels, so you don't have to constantly adjust it when you change channels
  - Simple connection for easy installation (Stereo analog in and out, And Power)
  - Supports Line Level Inputs and Outputs up on stereo RCA style jacks
  - Connects between your audio source such as: TV/ Stereo/Soundbar/HTIB/AVR or cable box, BD/DVD player, DVR/PVR/TiVo® or Satellite Receiver and the amplifier
  - Boosts low and high-frequency content dynamically (20-bands/Ch.), using an advanced psychoacoustic modeling engine making the entire listening experience come alive, regardless of the audio level



The Sescom SES-NORMALIZE-IT Volume Leveler incorporates SRS TruVolume™ technology which can regulate Audio like TV commercial volume levels to a comfortable listening level within a certain range, preventing annoying fluctuations while you channel surf as well as taming those aforementioned obnoxious commercials. It also enables you to hear everything that you've been missing when the volume is set to a lower level, by increasing very low audio material within the program. Also this can be used not just for audio-video combo applications but solely with just audio alone: making your favorite music to a normalized level even through low musical passages. Great for use with small speakers too as the high level audio spikes will not be allowed to get through to amplifiers and distort the audio at the amplifier & speakers!

**SES-NORMALIZE-IT • Reg. \$109.95 Discount \$98.95**

**Sescom XLR 3 Binding Post Line Tap Adapters**

*Every Audio Professional Needs Em!*

No fancy explanations - just three screw down binding posts for any bare wire to XLR hook-up application. Fast termination in the studio or the field. Big color coded screw down binding posts mounted to an XLR connector. Quick access of your bare wire to the world of XLR. Ideal for interfacing telco. Posts are red, black and green. When used with an XLR "Y" cable this device will be a true inline "tap".



**SES-MKP-21 • Female**  
Reg. \$39.95 Discount \$35.95

**SES-MKP-23 • Male**  
Reg. \$39.95 Discount \$35.95





## SESCOM

### Sescom Universal Passive 2 Channel Stereo/Dual Mono Audio Mixer with 3.5mm Interface for DSLR Cameras

*Ideal for recording events, documentaries, music videos, and ENG applications.*

The Sescom SES-DLSR-MIX1 compact 2-channel audio mixer for DSLR cameras and camcorders allows for greater audio recording control and eliminates syncing in post editing by recording directly to the camera. The one 3.5mm stereo and two 3.5mm mono input jacks and the three integrated shoe rails provide convenient connection and mounting of microphones.

Features include two trim controls allowing for independent channel adjustments as well as a mono/stereo selectable switch. Since no batteries are required, the passive circuit ensures a virtually noise free recording. The SES-DLSR-1 is designed with a standard shoe mount.

**Inputs:** One 3.5mm (1/8") stereo mini-jack and two 3.5mm (1/8") mono mini-jacks

**Output:** One stereo 3.5mm mini-jack

**Input Level:** -35dBu **Gain:** Unity **Weight:** 5.4oz (153g)

**Frequency Response:** 10Hz to 100 kHz (+/- 0.5dB)

**Dimensions (LxWxH):** 2.99x2.16x2.28in (76x55x58mm)

**SES-DLSR-MIX1 • Discount \$74.95**

### On-The-Level Audio Line Level Impedance Matcher



## SESCOM

Sescom "On The Level" are single channel units designed to interface semi-pro, industrial & consumer audio equipment such as cassette players, CDs, turntables, digital video discs or similar unbalanced equipment to interface with professional balanced 600Ω systems such as digital editors, ADAT & other broadcast equipment. Low cost passive units need no power. High quality components ensure low noise and full spectrum signal transfer.

2-Channel RCA Unbalanced In to XLR Balanced Out (High To Low Impedance)

**SES-AUD-RCA-XLR • Discount \$47.95**

2-Channel XLR Balanced In to RCA Unbalanced Out (Low to High Impedance)

**SES-AUD-XLR-RCA • Discount \$47.95**



## SESCOM

### Sescom 2 Channel XLR Audio Mixer with Preampers Gain & Peak Controls AGC Disable for DSLR Cameras

*Ideal for recording events, documentaries, music videos, and ENG applications.*

The Sescom SES-DLSR-PROMIX audio mixer is designed to facilitate greater audio recording control for DSLR cameras and camcorders and eliminates post edit syncing by recording directly to the camera. The 1/8-inch built-in microphone jacks provide connection and control of microphones, digital recorders, external audio mixers, sound boards, and more, by means of two balanced XLR inputs.

This feature rich device makes audio recording easier with gain switches, peak switches, and selectable phantom power. The Automatic Gain Control (AGC) disable switch reduces camera pre-amplifier noise when required.

The built-in level meter displays input levels in real time and the level controls adjust the output signal. The head phone jack allows audio monitoring during recording and from the camera during playback. Designed with a 1/4-inch female screw and a 3/8-inch female screw for camera or tripod mounting and two shoe rails for accessories.

**SES-DLSR-PROMIX • Discount \$219.95**

### Sescom RCA to XLR Pro Match Audio Level Converter VU & Level Controls



## SESCOM

The SES-OTLMAX is a powerful, feature rich, audio line level format converter for simultaneous conversion of Balanced to Unbalanced and Unbalanced to Balanced audio signals with level control and VU metering.

The product is provided with XLRs for Balanced I/O and RCA for Unbalanced I/O. There is also a 3.5mm (1/8") stereo input (iPod/MP3 compatible) as well as a monitor out for the Balanced line out, which can be fed to a regular stereo amplifier for real time monitoring.

The SES-OTLMAX allows you to switch a -10 to +6 db VU LED meter, for monitoring and confirming either direction, without disturbing the conversion. It is 12VDC powered with the provided 110 AC adapter or it can be battery powered as well. Rugged, all metal cabinet. 3" X 5" X 1.5".

**SES-OTLMAX • Discount \$184.95**



## SESCOM

### Sescom 2 Channel XLR Audio Mixer with Level Meter Peak Controls & Phantom Power for Blackmagic Cinema Camera

*Ideal for recording events, documentaries, music videos, and ENG applications.*

The Sescom SES-BMCC-MIX1 audio mixer facilitates greater audio recording control for Blackmagic Cinema Cameras and eliminates post edit syncing by recording directly to the camera. The 1/8-inch built-in microphone jacks provide connection to professional audio devices such as wireless microphones, XLR mics, boom mics, and mixing boards by means of two balanced XLR inputs for high quality audio recording. The SES-BMCC-MIX1 makes audio recording easier with peak switches, a mono/stereo switch, and selectable phantom power features.

The built-in level meter displays audio input levels in real time and trim controls adjust output levels for each channel. Red LED warning lights indicate channel volume levels that are too high. Designed with a 1/4-inch female screw and a 3/8-inch female screw for camera or tripod mounting and shoe rails for accessories.

**SES-BMCC-MIX1 • Discount \$169.95**

### Sescom Guitar Cable Assembly with Neutrik ultimatePLUG & Canare GS-6 Cable



Get ready for a whole new experience in recording and performing. T w a n g , F u n k , C h i c k e n P i c k i n ' , b l u e s a n d b e y o n d ,

this cable will expand your available tones right at your fingertips- regardless of make and model of your guitar.

The Sescom SES-GUITONE cable assembly with Neutrik NP2RX-ULTIMATE plug and Canare GS-6 cable allows musicians to change timbre and avoid annoying pop and feedback when mating guitar instruments. The high quality instrument interface cable features a standard 1/4" straight plug to right angle 1/4" plug with timbre control and silent plug. Silent Switch The ultimatePLUG automatically mutes a guitar cable to avoid pops and squeals when changing the guitar under load. Timbre Options Neutrik's ultimatePLUG allows you to change the timbre of your guitar sound from neutral, clear sound to warm characteristics in 4 steps by turning a knob on the plug. The ultimatePLUG 4-way detent tone shaper blasts your electric, acoustic or bass guitar into new sonic territories with a flick of a finger. Canare GS-6 Cable further enhances the experience by offering the cleanest signal possible between instrument and amp. Low capacitance and low series resistance provides improved frequency response (flat to 50kHz).

**SES-GUITONE-010 10' ..... Discount \$79.95**

**SES-GUITONE-020 20' ..... Discount \$89.95**

**iPod 3.5mm Mini Pro-Audio Breakout Cables**

High Performance Professional iPod breakout cables built in our cable shop with premium Neutrik and Switchcraft connectors. Allows easy connection of your iPod, iPhone, and iPad to the gear in your rack or house system.

**Gold Stereo 3.5mm to Dual Gold RCA**

<b>SES-IPOD-RCA03</b>	3'	\$19.95
<b>SES-IPOD-RCA06</b>	6'	\$22.95
<b>SES-IPOD-RCA10</b>	10'	\$24.95
<b>SES-IPOD-RCA15</b>	15'	\$35.95
<b>SES-IPOD-RCA50</b>	50'	\$44.95

**Gold Stereo 3.5mm to Dual Black & Gold Male XLR**

<b>SES-IPOD-XLRM03</b>	3'	\$28.95
<b>SES-IPOD-XLRM06</b>	6'	\$29.95
<b>SES-IPOD-XLRM10</b>	10'	\$32.95
<b>SES-IPOD-XLRM15</b>	15'	\$36.95

**Gold Stereo 3.5mm to Dual Black & Gold 1/4" Male**

<b>SES-IPOD-QTRM03</b>	3'	\$28.95
<b>SES-IPOD-QTRM06</b>	6'	\$29.95
<b>SES-IPOD-QTRM10</b>	10'	\$32.95
<b>SES-IPOD-QTRM15</b>	15'	\$35.95



**SESCOM**



**iPhone Microphone Adapter Cables**



This 3.5mm TRRS to XLR cable allows you to connect a pro XLR mic to your iPhone, iPod or Blackberry and take advantage of the many apps designed for audio recording on a Smartphone. Using external microphones will improve the quality of your recordings. Built with phantom power blocking and impedance matching components. This cable also features a headphone monitoring tap for critical applications such as field reporters & news gathering professionals. See our website for smart phone compatibility list. The IPHONE-MIC35-1 is a 3.5mm TRRS male to 3.5mm Female for prosumer mics featuring a 3.5mm Mini plug.

<b>IPHONE-MIC-1</b>	1 Foot.....	<b>Discount \$34.29</b>
<b>IPHONE-MIC-6</b>	6 Foot.....	<b>Discount \$34.29</b>
<b>IPHONE-MIC35-1</b>	3.5mm Female, 1 Foot.....	<b>Discount \$25.95</b>
<b>IPHONE-MIC-1RA</b>	Right Angle 3.5mm Male, 1 Foot.....	<b>Discount \$34.29</b>

**Sescom iPhone to Zoom H Series Mic Audio Cables**

**Go Directly From Your Audio Recorder to Apple TRRS with Headphone Monitor Tap!**

Sescom 3.5mm TRRS Line to Mic Audio Recorder Cable with 25dB Attenuation and Headphone Monitoring Tap for Zoom H4N / H1 designed for portable digital audio recorders and mic preamps with a single output jack. The IPHONE-LN2MIC Y-Splitter cable allows you to do both monitoring and recording from a single output jack. It also features a -25dB L Pad attenuator on the Left audio channels to reduce the Prosumer Line Level output (-10dBV) to your iPhone mic input sweet spot level. It's the perfect mating cable for Zoom H4N recorders when connecting to any TRRS 3.5mm Mic input wired for Apple standard. 18" Overall.



<b>IPHONE-LN2MIC-1</b>	3.5mm TRRS to 3.5mm Line Level & Monitor Jack.....	<b>\$27.95</b>
<b>IPHONE-LN2MIC1RA</b>	Right Angle 3.5mm TRRS Version (shown) .....	<b>\$27.95</b>

**Sescom SES-IPOD-AB 3.5mm iPod A/B Switch**

Connect dual iPods or MP3 players to your house system • Switch line level inputs / outputs to amps, mixers or PCs • Switch your sound card output between headphones & multimedia speakers • Switch your computer output between monitors • Bring rear mounted computer mini jacks up front • Great for recording multiple sources with audacity or similar software • Connections: Three 3.5mm female TRS (3-conductor) 1-in, 2-out or 2-in, 1-out (bi-directional) • 1.75"W x 1.75"L x 0.75"D



<b>SES-IPOD-AB</b>	3.5mm Connectors.....	<b>\$29.95</b>
<b>SES-AUDIO-AB</b>	RCA Connectors .....	<b>\$35.96</b>

**Sescom Heavy Duty 3.5mm A/B Switch**

Provides simple A/B source selection of 3.5mm stereo sources such as iPods, Computers, Android Smart Phones and iPhone Smartphones, iMacs, MP3 players, PC Sound Card outputs and more! Requires no power and can be used bidirectional. Saves wear and tear on constant equipment connects and disconnects. Dimensions: 2 1/4" L x 3 1/2" W x 1" H



<b>SES-AB-SWITCH</b>	.....	<b>Discount \$37.95</b>
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**Sescom Volume Controls**

A simple single volume knob for RCA or XLR inputs and outputs. Ready to go anywhere at any time for any device to control the audio level. Includes 3M Dual-Lock type Super Velcro for endless mounting options in the studio or the field. Heavy duty construction with a housing made from strong black anodized extruded aluminum. 3" x 1.25" x 1.25".



<b>SES-MKP-25</b>	Stereo (L/R) RCA.....	<b>\$53.95</b>
<b>SES-MKP-27</b>	3.5mm Stereo.....	<b>\$35.95</b>
<b>SES-MKP-29</b>	1-Chan Inline Balanced ...	<b>\$35.95</b>

**Sescom AES-EBU Transformers**



1100 3-Pin XLR to 75Ω BNC AES-EBU in-line transformers • Provides an excellent impedance transformer at a reasonable cost for meeting the needs between analog to digital conversion • Also allows for longer cable runs via unbalanced coaxial lines rather than twisted pair cables that have high attenuation at relevant frequencies • Max Voltage / Max Run:= 5VPP / 250MΩ • Insertion Loss: < 0.3dB @ 0.1 MHz To 10 MHz • VSWR / Return Loss: < 1.1 / > 24.6 DB

<b>SES-AES-EBU-1</b>	XLR Female to BNC ....	<b>\$16.95</b>
<b>SES-AES-EBU-2</b>	XLR Male to BNC .....	<b>\$16.95</b>

**XLR Iso Transformer**

The inline cable compatible version of the Sescom IL-19 built in a rugged housing. Designed specifically for installing between two XLR cables in live events or anywhere durability is required. XLR Female - 0dBm @ 600Ω to XLR Male 600Ω 1:1 line level matching transformer in a shielded case. XLR male & female ends.



<b>SES-XLR-ISO</b>	.....	<b>Discount \$20.35</b>
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**Low-Z to High-Z Impedance Matching Transformers**

Low-Z to Hi-Z matching transformers perfect for any pro-audio tool kit. SES-LZSLHZ-XF14 is an Inline Switchable Low-Z / Hi-Z model

<b>SES-LZHZ-XF14</b>	Low-Z to Hi-Z 15" Cable .....	<b>Discount \$19.95</b>
<b>SES-HZLZ-14XM</b>	Hi-Z to Low-Z 15" Cable .....	<b>Discount \$19.95</b>
<b>SES-LZSLHZ-XF14</b>	Switchable Low-Z / Hi-Z Inline .....	<b>Discount \$23.95</b>



## IL-19 Audio Hum Eliminator with Switchable Phase Reverse and Ground Lift

The world famous IL-19 with the addition of a Phase Switch and Total Ground Lift Switch in the same form factor! This amazing feature set gives the ability to troubleshoot and repair on the spot without even disconnecting the unit, letting your show go on uninterrupted!

IL-19-PRS-GLS ..... **Discount \$69.95**



### 2-Channel RCA Stereo Audio Hum Eliminator

A stereo - left & right channel - RCA version of the famous Sescom IL-19! Ideal for a matching transformer where RCA audio inputs & outputs need hum elimination.

IL-STEREO-19 ..... **Discount \$79.95**

### 2-Channel IL-19

A dual channel version of the world famous IL-19 inline hum eliminator. The only product that removes all types of hum and noise in live sound & pro-audio gear!



IL-19-2S ..... **Discount \$84.95**



### IL-19-MINI 3.5mm In-line Hum Eliminator

The IL-19-MINI is an inline hum eliminator / matching transformer for 3.5mm stereo (TRS) runs and is perfect for both DSLR audio applications as well as a laptop interface. In DSLR applications, where HUM always poses a problem, you can connect up to a 25 foot unbalanced 3.5mm TRS cable between any mic output source and through the IL-19-MINI to remove hum.

IL-19-MINI ..... **Discount \$49.95**

### RF Noise Eliminator



Even the best starquad audio cables aren't immune to RF signal noise. What's more, you can never be certain about the quality of installation on stage boxes & patch panels at a venue. Be 100% sure with our inline filter designed around Neutrik's EMC XLR connectors. The EMC's integrated LC-filter rejects RF-interference & LF-noise while having no effect on your balanced audio signal.

SES-INLINE-EMCF ..... **Discount \$27.95**

### 6-Channel Rackmount IL-19



A rackmount version of the world famous IL-19, the IL-19-6RM keeps unwanted signals out of the circuit, but also reduces induced noise providing high-quality line level isolation to eliminate hum and buzz from interacting gear.

IL-19-6RM ..... **Discount \$269.95**

### IL-19-HUM-DROP 6-Channel Audio Hum Eliminator / Isolation for FOH

**A 6-Channel Snake Box Featuring the World Renowned IL-19 Transformer!**

The HUM-DROP is designed for stages & Front Of House (FOH), or anywhere 6 channels of hum elimination are desired. Designed in a rugged stage box, it can be plugged into a cable run at either end and left on the floor under the mixing board or on stage.



IL-19-HUM-DROP ..... **\$249.95**

## SESCOM® DSLR Audio Cables



<b>DSLR-MIC-MON</b>		
<b>DSLR-5DMKII-HOCF</b>	Canon 5D MkII & 5D MkIII DSLR Magic Lantern AV Out Headphone Cable.....	<b>Discount \$22.45</b>
<b>DSLR-5DMKII-HOCM</b>	Canon 5D MkII & 5D MkIII DSLR Magic Lantern AV Out Headphone Cable.....	<b>Discount \$22.45</b>
<b>DSLR-550D-HOCF</b>	Canon T2i/550D/60D DSLR & Magic Lantern USB Mini to 3.5mm TRS.....	<b>Discount \$44.95</b>
<b>DSLR-AGCY</b>	AGC Disable Y-Splitter Cable for Canon 7D and Canon T2i.....	<b>Discount \$26.95</b>
<b>DSLR-MIC-MON</b>	DSLR Mic to Mic w/Audio Monitor Cable for Canon 7D & Canon T2i.....	<b>Discount \$31.95</b>
<b>LN2MIC-50DB</b>	Standard 50dB Line Out to Camera Mic Level In.....	<b>Discount \$26.95</b>
<b>LN2MIC-PCDM50</b>	3.5 Line to Mic 35dB Att. 9 Inch DSLR Cable - Sony PCM-D50.....	<b>Discount \$26.95</b>
<b>LN2MIC-PMD620</b>	3.5 Line to Mic 33dB Att. 9 Inch DSLR Cable - Marantz PMD620.....	<b>Discount \$26.95</b>
<b>LN2MIC-TASDR100</b>	3.5 Line to Mic 35dB Att. 9 Inch DSLR Cable Tascam DR-100.....	<b>Discount \$26.95</b>
<b>LN2MIC-ZMGH-MON</b>	3.5mm Line to 2.5mm Mic 25dB for Zoom H4N with Monitoring Jack for Panasonic Lumix.....	<b>Discount \$35.95</b>
<b>LN2MIC-ZMH4-MON</b>	3.5mm Line to Mic 25dB for Zoom H4N with Monitoring Jack.....	<b>Discount \$35.95</b>
<b>LN2MIC-ZMH4-GH1</b>	2.5mm Line - Mic 25dB Att 9 In. DSLR Cable for Zoom H4N.....	<b>Discount \$26.95</b>
<b>LN2MIC-ZOOMH4N</b>	3.5mm Line to Mic 25dB Att. 9 Inch DSLR Cable for Zoom H4N.....	<b>Discount \$26.95</b>

# IL-19®

## Extreme Hum Fighter.

**Clean Up in IL-19!**



SESCOM®

### Triple Action

The Sescom IL-19® is the only product that removes All Types of Hum in Live Sound & Pro-Audio Gear! Designed as 3 products in-one, the Sescom® IL-19® is the industry standard for instantly troubleshooting audio hum and noise problems in live sound & broadcast applications providing quick fix line isolation to stop noise at the source. Removes ground loop hum, mode noise & differentially induced hum without the need for multiple transformers, ground lifters or phase inverters.

### Instant Relief For:

- Live Sound Equipment
- Radio & Broadcast Audio
- Line Level Equipment Interface
- Decoupling Lines to Reduce Hum
- Isolating Drive Lines to On-Stage Power Amps
- Long Line Cable Runs
- Bidirectional - Inputs or Outputs

**IL-19 • \$44.95**

**Samson Concert 88 Camera Systems**

- Camera mountable, frequency-agile UHF wireless system
- Up to eight simultaneous systems per frequency band
- 16 selectable frequencies for multi-location shoots
- Protective carry case
- Includes two rechargeable lithium ion batteries and external charger

**CR88V Micro Wireless Receiver**

- Compatible with HD camcorders and DSLR cameras
- Offers 12 hours of battery life using single removable lithium ion battery
- Battery level indicator
- IR sync wirelessly matches receiver and transmitter frequency
- 1/8" output with level control
- Independent 1/8" headphone monitor output with level control
- Tone key technology prevents interference
- Removable shoe mount adapter attaches receiver to camera

**CH88 Handheld Transmitter**

- Q8 Professional Dynamic Microphone capsule
- Offers eight hours of battery life using two AA batteries
- 300' operating range (line-of-sight)
- Variable Gain control
- 1-touch Mute

**CB88 Beltpack Transmitter**

- LM10 Omnidirectional Lavalier Microphone
- Offers eight hours of battery life using two AA batteries
- 300' operating range (line-of-sight)
- Variable Gain control
- 1-touch Mute

**SAMSON**

**NEW!**



<b>SAM-SWC88VBH108D</b>	UHF Combo Handheld Q8 & Lavalier LM10 Wireless Mic System (D Channel) .....	<b>Discount \$399.99</b>
<b>SAM-SWC88VBH108K</b>	UHF Combo Handheld Q8 & Lavalier LM10 Wireless Mic System (K Channel).....	<b>Discount \$399.99</b>
<b>SAM-SWC88VBLM10D</b>	UHF Lavalier Wireless Mic System (D Channel).....	<b>Discount \$349.99</b>
<b>SAM-SWC88VBLM10K</b>	UHF Lavalier Wireless Mic System (K Channel).....	<b>Discount \$349.99</b>
<b>SAM-SWC88VHQ8-D</b>	UHF Q8 Handheld Wireless System (D Channel).....	<b>Discount \$349.99</b>
<b>SAM-SWC88VHQ8-K</b>	UHF Q8 Handheld Wireless System (K Channel).....	<b>Discount \$349.99</b>

**Samson Expedition XP106W Rechargeable Portable PA with Handheld Wireless System and Bluetooth**

- Internal rechargeable battery for up to 20 hours of continuous use
- Bluetooth connectivity to connect wireless music sources
- Includes Stage XPD1 USB Digital Wireless System with handheld dynamic microphone (100' operating range)
- 2-way speaker enclosure with 6" woofer
- 1" high frequency driver
- Class D amplifier produces 100 watts of power
- 4-channel mixer
- XLR-1/4" combo input for microphones and other line level devices
- 1/4" input for guitars and other line level devices
- 1/8" stereo Aux input for stereo line level devices



**SAMSON**

**SAM-XP106W • Reg. \$404.99 Discount \$299.99**

**Samson XP1000 1000 Watt Portable PA 10 Channel Mixer/ Bluetooth/ USB Wireless**

- Packs up into a single portable unit that weighs just over 50lb
- Lightweight, Class D amplifier produces 1,000W (2 x 500) of stereo power
- Bluetooth connectivity to wirelessly stream music
- Dual 2-way speaker enclosures with 10" woofers
- 1" high frequency drivers
- Removable 10-channel mixer with 16 presets of 24-bit digital effects
- Bass and Treble controls on each channel
- Four Mic/Line inputs (XLR and 1/4" jacks) for microphone, guitars and other line level devices
- Three stereo channels with multiple input options (1/4", 1/8", RCA) for connecting external devices



**SAMSON**

**SAM-XP1000 • Reg. \$1039.99 Discount \$799.99**

**Samson Stage XPD1 Presentation USB Digital Wireless (2.4 GHz) System with LM5 Lavalier**

- Ideal for broadcasting, live streaming, presentations and more
- Plug-and-play operation with Mac and Windows
- Works with iPad via Apple's Lightning to USB Camera Adapter or iPad Camera Connection Kit (30-pin)
- Wireless receiver built into USB stick
- Beltpack transmitter with Samson LM5 Lavalier Microphone
- 100' operating range
- Transmitter offers 20 hours of battery life using two AA batteries (batteries not included)



**NEW!**

**SAMSON**

**SAM-SWXPD1BLM5 • Reg. \$149.99 Discount \$99.99**

**Samson UM1 Portable Handheld Wireless Microphone System**

- HT7 handheld transmitter with Q7 dynamic microphone capsule
- UM1 portable true-diversity UHF receiver.
- Operates on the less-cluttered 642.375MHz bandwidth.
- Super-compact 9V battery-operated Micro-Receiver
- Unbalanced output with level switch
- DC input for external powering
- Variable Squelch control and Power switch
- Locking balanced mini-XLR output with level switch
- Supplied XLR to mini-XLR cable
- Headphone output with level control
- Specially tuned, molded antennas



**SAMSON**

**SW87SHQ7-N1 • Reg. \$299.99 Discount \$199.99**



### Samson Technologies: 36 Years of Innovation

Since 1980, Samson has been a pioneer in broadcast technology. Best known for our extensive line of wireless audio systems, we also produce wired microphones, headphones, mixers and signal processors. In 2005, we introduced the first USB mics, widely used today by broadcasters, podcasters and performers all over the world over.

The design philosophy behind all Samson products can be summed up in one word... *Innovation*. Our **Concert 88 Camera UHF wireless system**, for example, offers a best-in-class 300' range and 16 selectable frequencies for reliable, interference-free operation, making it perfect for multi-location shoots. The system's CR88V micro wireless receiver comes with a removable shoe mount adapter—situated on the rear, not the front, so it won't obstruct the viewfinder of your DSLR or HD camcorder. A single rechargeable, low-profile LiOn battery provides 12 hours of battery life and can be hot-swapped whenever the battery level indicator shows that power is running low. There's also a headphone output with dedicated level control for monitoring audio.

The **Concert 88 Camera** system is available in three configurations. The Handheld system pairs a CH88 handheld transmitter with a Q8 professional dynamic mic capsule, while the Lavalier system comes with a CB88 beltpack transmitter and an LM10 lavalier mic. A Combo system provides both transmitter/mic options in a single package. All transmitters offer variable Gain control and 1-touch Mute, and their frequency can be wirelessly matched to that of the receiver.

### The Mobile Journalist



*Into mobile journalism but hate the limitations of using your iPhone or iPad's internal microphone?*

**Samson's XPD Series USB Digital Wireless Systems** give you the freedom to frame the ideal shot, while capturing quality audio up close or at a distance. All three options—Handheld, Headset and Lavalier—include a USB-powered wireless micro receiver that connects via Apple's Lightning to USB Camera Adapter or Camera Connection Kit.

## ANCHOR®

### Anchor 130 Series 30 Watt Powered Monitors

- AC powered • 106 db of clear sound • **Reaches crowds of 100+** • Lightweight only 9 lbs. • Magnetically shielded speaker for AV use • 4.5" woofer and 10 mm dome tweeter • 30W amplifier • Optional built-in 16 channel UHF wireless receiver • RCA line input, 1/4" line input and 1/4" Mic-In • 1/4" line output jack - daisy chain multiple systems or record output • Remote control for volume and mute available • Bass and treble controls

- AN-130P** 130 Plus 30 Watt Powered Monitor - White ..... **Discount \$206.00**
- AN-130P-BK** 130 Plus 30 Watt Powered Monitor - Black ..... **Discount \$206.00**
- AN-130RC-P** 130RC Plus Speaker Monitor w/ Remote Control - White ..... **Discount \$238.00**
- AN-130RCBK-P** 130RC Plus Speaker Monitor w/ Remote Control - Black ..... **Discount \$238.00**
- AN-135P-BK** 135BK Plus 30 Watt Powered Monitor - Black ..... **Discount \$172.00**
- AN-30** 30 Powered Cube AC Speaker - Black ..... **Discount \$162.00**
- AN-30CP** 30 Speaker Monitor w/ Wall Mount Bracket & AC Adapter ..... **Discount \$170.00**



### Anchor 1000 Series 50 Watt Powered Monitors



- AC powered • 103 dB of clear sound • **Reach crowds of 400+** • Lightweight - only 9.5 lbs. • Magnetically shielded speakers • 4.5" woofer and 10 mm dome tweeter • 50W amplifier • Balanced input, Mic/Line configurable with female XLR, switchable phantom power • Hi-Z RCA line level input • Hi-Z 1/4" line level output • 1/4" speaker output • Bass and treble controls • Unit can be mounted on a wall, ceiling or speaker stand

- AN-1000XF1PLUS** 1000XF1Plus Black Speaker Monitor with One Wireless Receiver ..... **Discount \$496.00**
- AN-1000XP** AN-1000X Plus 50 Watt Powered Monitor (Black) ..... **Discount \$336.00**
- AN-1001** Unpowered Extension Speaker for AN-1000 ..... **Discount \$120.00**

### Anchor GoGetter Series AC/DC 75 Watt PAs

- True AC/DC, 110/220V power supply • 75W AC mode / 50W DC mode • 109 dB clear sound • **Reaches crowds of 500+** • Built-in Bluetooth • Two built-in 16 channel UHF wireless receivers • LED displays charging and low battery • Lightweight at just 23 pounds • Improved "Limiter" circuitry reduces distortion & increases intelligibility • Two universal microphone jack inputs • External speaker output powers companion speaker

- AN-GG-8000** Go Getter Speaker with Bluetooth ..... **Discount \$472.00**
- AN-GG-8000U2** Go Getter Speaker with Bluetooth and 2 Wireless Receivers ..... **Discount \$792.00**
- AN-GG-BPD-LM** Go Getter DUAL Basic Package w/2 Lapel & Bluetooth ..... **Discount \$1512.00**
- AN-GG-DP-CM** Go Getter Deluxe package w/1 wireless & CD/MP3 & Bluetooth ..... **Discount \$1504.00**
- AN-GG-DP-HH** Go Getter Deluxe Package w/Wireless Handheld & Bluetooth ..... **Discount \$1504.00**



### Anchor Bigfoot Series AC/DC Powered PAs

- **Reach Crowds of 5,000+** • 400 Watts AC/DC • 130 dB of Sound • Five 8" Neodymium Woofers • One Neodymium Compression Driver • Up to Four Built-in UHF Wireless Receivers • Two Universal Microphone Input Jacks • Comes with Standard Built-in Bluetooth • Optional Built-In CD/MP3 Combo Player • Designed to Cover a Football Field

- AN-BIG-8000CU4** Bigfoot AC/DC Powered PA with CD/MP3 & 4 Wireless Receivers & Bluetooth (No Mics) ..... **Discount \$3480.00**
- AN-BIG-8000U3** Bigfoot AC/DC Portable PA with 3 Wireless Receivers & Bluetooth ..... **Discount \$3160.00**
- AN-BIG-DUAL-HH** Bigfoot Dual Package (2) Handheld Mics ..... **Discount \$3800.00**
- AN-BIG-QUAD-HH** Bigfoot Quad Package (4) Handheld Mics ..... **Discount \$4760.00**
- AN-BIG-SINGLE-HH** Bigfoot Single Package (1) Handheld Mic ..... **Discount \$3320.00**
- AN-BIG-TRIPLE-HH** Bigfoot Triple Package (3) Handheld Mics ..... **Discount \$4280.00**



### Anchor Liberty Series Portable PA Systems

- **Reaches crowds up to 1,500+** • 117 dB of clear sound • 125W AC mode/ 100W DC mode • Up to two built-in wireless receivers • Optional built-in transmitter that wirelessly connects to one or more Liberty AIR battery powered wireless companion speakers • Standard built-in Bluetooth • Optional built-in CD/MP3 combo player • Two universal microphone input jacks • 3.5 mm AUX line input • Built-in rechargeable battery operates 6-8 hours on a single charge • One 10" woofer • One ceramic compression driver



- AN-LIB-8001** Liberty Platinum Unpowered Companion Speaker ..... **Discount \$280.00**
- AN-LIB-8000CU1** Liberty Built-in CD/MP3 Combo Player & One Wireless Receiver ..... **Discount \$1600.00**
- AN-LIB-8000U2** Liberty Platinum Speaker with 2 Built-In Wireless Receivers & Bluetooth ..... **Discount \$1600.00**
- AN-LIB-BP-CM** Liberty Platinum Basic Package w/Collar & Bluetooth ..... **Discount \$2040.00**
- AN-LIB-BPDUAL** Liberty DUAL Basic Package w/ Wireless Handheld & Lav Mic & CD/MP3 Combo Player & Bluetooth ..... **Discount \$2520.00**
- AN-LIB-DPD-HH** Liberty Platinum DUAL Deluxe Package w/2 Wireless Handheld & Bluetooth ..... **Discount \$2992.00**
- AN-LIB-DPD-LM** Liberty Platinum DUAL Deluxe Package w/2 Lapel & Bluetooth ..... **Discount \$2992.00**

### Anchor Bluetooth MegaVox Pro PAs

- Portable public address system that is lightweight, loud, and easy to carry • MEGA-8000U1 speaker comes with one built-in 16 channel wireless receiver • Your choice of wireless mic • Built-in bluetooth • Equipped with an alert siren, a wired microphone, and a convenient shoulder strap • **Reach a distance of 100 yards.** • Built-in rechargeable battery and runs up to 10 hours on a single charge

- AN-MEGA-8000** MEGA-8000 Bluetooth MegaVox Pro PA ..... **Discount \$680.00**
- AN-MEGA-BP-HH** MegaVox Pro Basic Package w/Wireless Handheld & Bluetooth ..... **Discount \$1280.00**
- AN-MEGA-BPD-EM** 3MegaVox Pro DUAL Basic Package w/2 UltraLite & Bluetooth ..... **Discount \$1760.00**
- AN-MEGA-BPD-HS** MegaVox Pro DUAL Basic Package w/2 Headband & Bluetooth ..... **Discount \$1760.00**





# Anchor Audio Portable Sound Systems

*Six Year Warranty • Made in the USA*



## Liberty AIR

### Features

- One built-in AIR wireless companion transmitter
- One built-in AIR wireless receiver
- Expandable to multiple AIR battery powered wireless companion speakers
- Easily connects to Assistive Listening
- ADA Compliant
- Built-in rechargeable batteries operate 6 - 8 hours on a single charge
- Alternate wired and wireless mode
- External speaker output powers optional Liberty Platinum unpowered or AIR companion speaker

## Bigfoot Line Array

### Features

- Reaches crowds of 5,000+
- 130 dB of clear sound
- 400W AC/DC mode
- Up to four built-in wireless receivers
- Standard built-in Bluetooth
- Optional built-in CD/MP3 combo player
- Two universal microphone input jacks
- 3.5 mm AUX line input
- Onboard mic storage bag
- Durable enclosure with heavy duty wheels
- Built-in rechargeable batteries operate 6 - 8 hours on a single charge
- Five 8" neodymium woofers
- One neodymium compression driver
- Designed to cover a football field or large auditorium



## Hannay All-Metal Fiber Optic Reels

**Hub & Drum Accept Existing SMPTE Cables Without Connector Re-Termination!**

Hannay Reels announces new Broadcast Fiber Optic Series Reels. Designed specifically for the unique needs of Broadcast SMPTE, TAC and opticalCON cable

- These metal reels are lightweight and stand up to everyday wear and tear better than plastic reels
- Designed for Tactical Fiber and Hybrid Fiber cable types.
- Quality construction designed for harsh outdoor environments.
- External and/or internal drum storage with protective rubber grommet for easy access to lead out cable, while keeping dirt and debris out.
- Non-reflective black matte finish is standard.
- Crank handle permanently attached to disc.
- 3-Position Cam-Lock Drag Brake System (Locked, Tension, Free)



<b>HY-AVF-14</b>	Holds 350 Ft. SMPTE, 600 Ft. Tac-12, 9.5 Lbs. ....	<b>Discount \$350.00</b>
<b>HY-AVF-18</b>	Stackable, Holds 1000 Ft. SMPTE, 31 Lbs. ....	<b>Discount \$610.00</b>
<b>HY-AVF-18C</b>	Model AVF-18 with Casters .....	<b>Discount \$645.00</b>
<b>HY-AVF-18CH</b>	Model AVF-18 with Casters & Handle .....	<b>Discount \$695.00</b>



## Canare R460S & R380S Cable Reel with Casters

Canare has developed a dependable and road-worthy Cable Reel in three useful sizes that keeps cable stored neatly when not in use, yet allows quick deployment without tangles and twisting. A perfect way to facilitate transporting and laying cable. Protect your valuable cable investment with Canare Cable Reels.

All Canare R-Series Cable Reels include a special 3 position brake lever.

- (1) Free Spool:** Cable will pull from the reel with ease, this position is ideal for rewinding.
- (2) Soft Brake:** Cable can be pulled from the reel, but friction prevents excess spillage when cable is pulled quickly.
- (3) Full Lock:** Used during transportation, the reel will not rotate so cable won't spill.

Because the reels are constructed of tubular steel, with an "E" shaped brace, they are extremely durable. We use heavy duty permanent lubricated bearing which will perform like new even after years of hard use.



<b>R460S</b>	Holds up to 3000 feet of 0.18" O.D. Cable and has Casters, Cable Cut-Out and Hanger.....	<b>\$659.95</b>
<b>R300S</b>	Holds up to 2500 feet of 0.10" O.D. Cable, is stackable with like models and has a Single Channel cable cut-out in hub.....	<b>\$468.38</b>



## Hannay Reels Portable Cable Storage Reels



Moving and laying cable on a tight schedule can be very demanding, not only for personnel, but also on the cable. Unique Cable Reels keep cable stored neatly when not in use, yet allow for quick deployment without tangle and twisting. All steel construction makes these reels extremely rugged. Each has a pillow-block bearing and a unique braking system meaning no spilled cable when winding. AVC models have black matte finish. Crank handle permanently attached. Equipped with Cam-lock drag brake system. Equipped with Velcro cable fastener.



Model	Holds 0.245" O.D. (ft.)	Holds 0.45" O.D. (ft.)	Holds 0.58" O.D. (ft.)	Discount
<b>AVC-16-10-11</b>	600	150	----	<b>\$129.95</b>
<b>AVC-16-10-11-DE</b>	600	150	----	<b>\$155.10</b>
<b>AVC-16-14-16-DE</b>	1100	275	125	<b>\$203.05</b>

## Schill Hard Rubber Fiber Optic Cable Reels

**The Most Rugged & Lightweight Reels That Maintain Critical Bend Radius for Fiber!**

Designed specifically for fiber optic cable, these high tech cable reels contain unique features for the technical requirements in handling fiber. MFK models feature a hinged, latchable cover to ensure optimal protection of your high quality cable connectors. The latchable door allows you to store cable connectors inside drum to prevent damage to your valuable connectors during rolling up and off the cable drum. This is especially suited to fiber optic cable assemblies.

- Designed specifically for tactical and SMPTE hybrid camera cable.
- Extremely rugged, yet lightweight space-age rubber compound construction to meet German military specifications.
- Inner drum radius is designed for minimum bend of fiber cable to ensure no optical loss when cable is left on spool and transmitting.
- Maximum cable length with the lightest weight possible, extremely robust in any weather.
- Optional locking door in center of hub (MFK models) to protect your fan-outs when spooling, transporting, cleanliness, storage and security.

**NOTE: IT IS RECOMMENDED THAT ALL SMPTE HYBRID CAMERA CABLES OVER 25 FEET BE ORDERED/STORED ON A CABLE REEL TO PROVIDE PROPER SUPPORT AND CRITICAL BEND RADIUS AS WELL AS PROTECTION FOR COSTLY CONNECTORS.**



Model #	Description	3mm Ø Capacity	Tac 4 Capacity	7.1mm Tac 12	7.5mm Tac 12	9.2mm SMPTE	Weight (Lbs.)	Discount
SCHILL-GT310	Standard GT 310 with Open design for self-tooling	2365	500	N/A	N/A	N/A	3.55	\$149.95
SCHILL-GT310MKF4	GT310 w/Hinged Latchable door 40mm core inlet. Diameter of cable inlet 35mm	2365	500	N/A	N/A	N/A	3.92	\$294.95
SCHILL-GT380	Standard GT 380 with Open design for self-tooling	4308	1,000	700	700	400	8.6	\$249.95
SCHILL-GT380MKF5	GT 380 with Hinged Latchable door 50mm core inlet	4308	1,000	700	700	400	9.6	\$369.99



# JACKREELS



## JackReel-XL1 High Capacity Broadcast Cable & Fiber Optic Cable Reel

*Rugged High Capacity Cable Reel for Broadcast, Fiber Optic & Pro-Audio Applications!*

The JACKREEL-XL1 is a fantastic value for a super high capacity steel cable reel that is specially designed for multi-channel tactical fiber optic cables, SMPTE fiber optic camera cables, audio snake cables and similar cable assemblies. The JACKREEL-XL1 features rugged steel and aluminum construction with round tubing protective frame, non-reflective black matte finish, adjustable cam-lock drag brake for fast cable roll-out and storage and large heavy duty locking caster wheels. The main cable drum is specially engineered to protect the bend radius of fiber optic cables. A special drum divider plate protects connectors and fan-outs separating them from the main cable run during storage and roll-out.

**JACKREEL-XL1** ..... \$355.00

### FEATURES:

- Capacity for 5mm O.D. Cable: 4500'
- Capacity for 7mm O.D. Cable: 2500'
- Capacity for 9.5mm O.D. Cable: 1100'
- 21.187"H x 21.75"W x 17.875"D
- Cable Drum Overall: 17.625"W
- Main Drum: 14"W Outside (13.375" Inside)
- Split Drum: 4"W



Split Drum for Easy Pigtail Storage



3-Position Brake Lock

# JACKREEL™



**BEST seller**

## JackReel-3 High Capacity Cable Reel

*Super Low Cost with Lots of Capacity!*

JACKREEL-3 is a cost effective, high performance steel frame cable reel with high impact thermo-plastic core that is perfect for many professional uses. Use it for audio and video cables, IT & data cables, industrial control cables, medical imaging cables & power cables. The high impact construction and the easy reel core saves time and money when deploying cables in a wide range of applications. JACKREEL-3 features an ergonomic cushion grip carry handle as well as an outer hub for cable fanouts. Center Hub: 4.75" Diameter. 15"H x 10.75"W.

**JACKREEL-3** ..... \$44.95

### JackReel Cable O.D. Capacities

- 0.200: 400 Feet
- 0.750: 30 Feet



# JACKREEL™

## Fiber Ready JackReel Cable Reel

Super rugged, super lightweight high impact broadcast cable reel holds up to 500 feet of 2-Channel and 4-Channel tactical fiber. Fiber ready hub maintains critical bend radius necessary for fiber optical cables. Includes quick-adjust thumbwheel brake lock. Ergonomic soft-cushion carry handle.

**JACKREEL-F4** ..... \$59.95

**JACKREEL-F4-MP1** ..... \$17.95

Metal hub center plate for connector mounting



**BEST seller**

# MarkerReels™

instantly coil up the cable when you're done. Cable keeps its natural shape without bending or crimping, thus extending its life. Customized MarkerReels are easily designed and delivered from our shop. You name the cable... we'll put it in a reel! The finest Belden and Canare audio and video cable is utilized with premium connectors. Integrated recessed Neutrik and Canare panel mount connectors built into the center of the reel make interfacing a snap. The reel is a lightweight yet extremely rugged injection molded structural plastic that will take years of abuse.

**Other Configurations Available from our Belden Certified Cable Shop.**

Single Channel BNC featuring 300 Feet of Belden 1505F flexible RG59 cable.

**MKR-1** ..... **Discount \$329.95**

3-Channel BNC with 100 Feet of high quality Belden 1277R cable. Use for all digital and analog applications.

**MKR-2** ..... **Discount \$239.95**

100 Feet of Canare premium A2V1 cable terminated with Canare BNC / Neutrik Black and Gold XLR connectors.

**MKR-5** ..... **Discount \$269.95**

300 Feet Canare L-4E6S Quad-Star microphone cable terminated with a Neutrik Black and Gold XLR connector.

**MKR-9** ..... **Discount \$229.95**

CAT5 features Belden 1583A Datatwist cable terminated with 8-Pin Modular RJ45 connectors wired for Category 5 use.

**MKR-12-100** 100' CAT5 ..... **Discount \$99.95**

**MKR-12-250** 250' CAT5 ..... **Discount \$129.95**

**MKR-12** 450' CAT5 ..... **Discount \$179.95**

**MKR-12PS** 500' CAT5 ProShell Connectors ..... **Discount \$199.95**



MKR-12-100

MKR-12PS



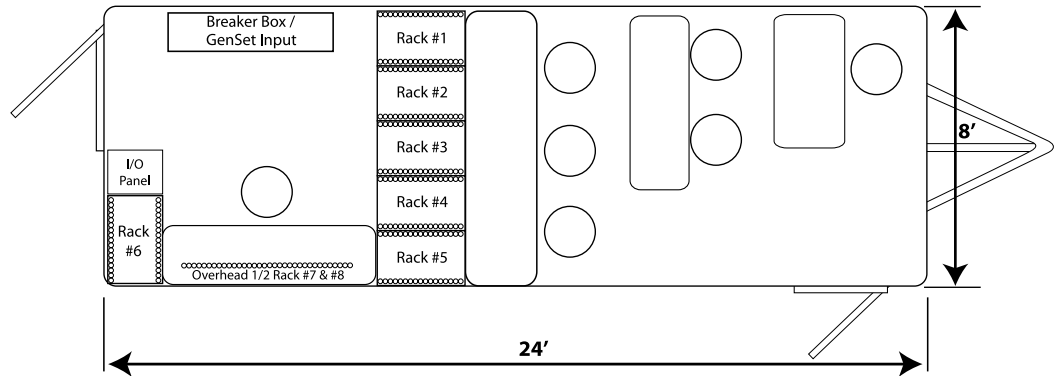
**The Stock Broadcast Trailer with 101 Uses!**

## 24 Foot Dual Suite Model Features:

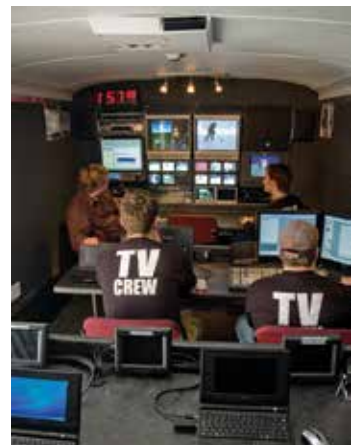
- 2 Separate Locking Suites
- Deluxe 'Control Room' Interior
- Fully Insulated Walls & Ceiling
- 24 Foot x 8.5 Foot
- Six 19" Racks @ 37RU & Two @7RU
- Climate Controlled - 2x 13,500 BTU Roof AC / Heat Strip Units
- 1x 13,500 BTU Equipment Rack AC Unit
- Breaker Box with Generator Input
- I/O Panel & Cable Hatches
- Generous 80" Interior Head Room
- 36" Lockable Passenger Door
- 40" Lockable Rear Door
- White Aluminum Rivetless Exterior (Colors Available)
- Exterior Quartz Task Light
- Dexter Torflex Twin Axles (2x 5,200 Lb.)
- Dual Rear Stabilizer Jacks
- Rear Bogey / Skate Wheel "Bottom Out" Protection
- Tows Easily With any Class 3 Hitch
- Premium Radial Tires & Gray Mods
- Optional Spare Tires Available

VPTR-24 ..... **\$31995.99**

### Audio Support    Video Switching    Tape / Edit    Graphics



**VPTR-DECK1** ..... **\$1899.00**  
8 Foot Reinforced Shooting Deck for either the VPTR-1 or VPTR-24



Front Production Suite 3 Work Spaces



Rear Audio Suite with Separate Rear Door



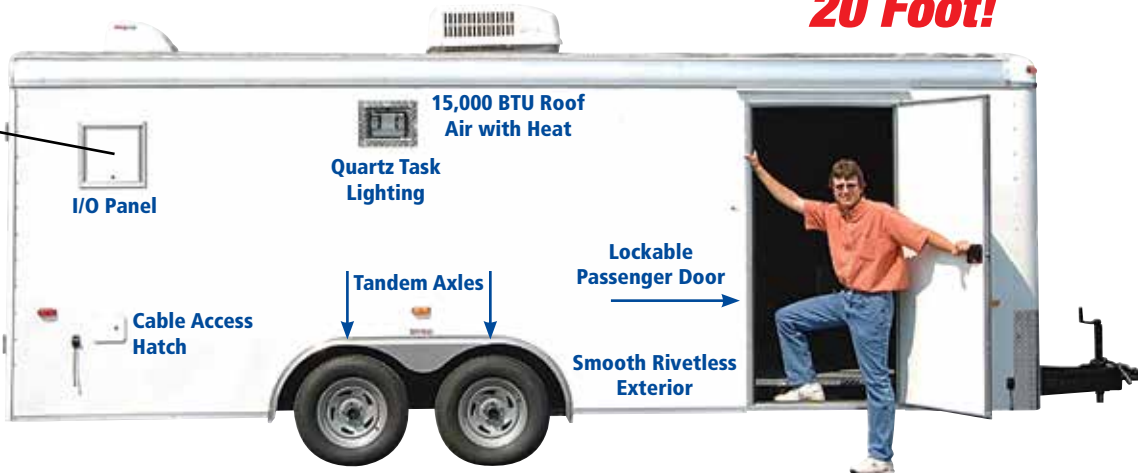
# PRODUCTION TRAILERS



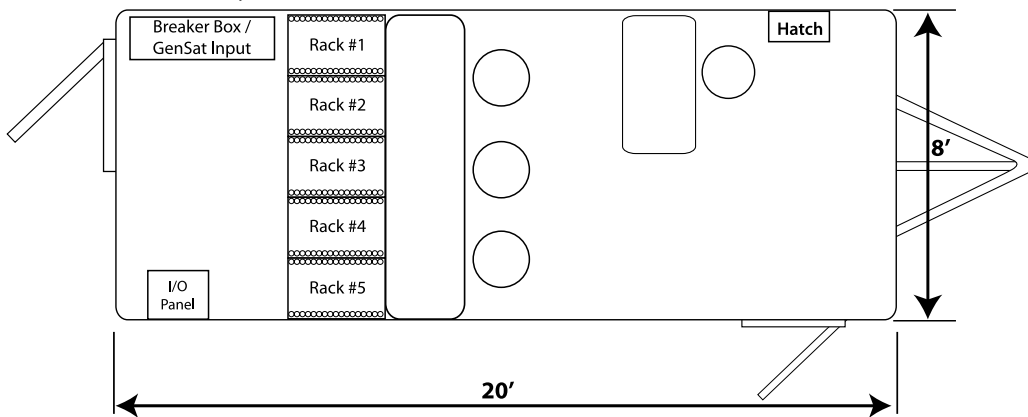
**20 Foot!**



**Climate controlled and rack ready deluxe control room interiors. Use inside or out!**



## Utility Video Switching



## 20 Foot Model Features

- 20 Foot x 8.5 Foot
- 8 Ft. Console Table
- Five 19" Racks (37RU Per Rack)
- 4 Lockable Cable I/O Hatches
- Fully Insulated Walls & Ceiling
- Grey Industrial Carpeted Walls & Floors
- Finished Laminate Ceiling with Lighting
- Generous 80" Interior Head Room
- 15,000 BTU Roof AC Unit with Heat Strip
- 1 Motorized Roof Vent w/Rain Guard
- 36" Lockable Passenger Door
- 40" Lockable Rear Door
- Exterior Quartz Light
- Aluminum Rivetless Exterior in White (Colors Available)
- Dexter Torflex Twin Axles (2x 3500 Lb.)
- Premium Radial Tires & Gray Mods
- 3,000+ Lbs. of Extra Gear Carrying Capacity
- Rear Bogey/Skate Wheel "Bottom Out" Protection
- Dual Rear Stabilizers
- Aluminum Pull-Out Steps
- Bright Front Corners - ATP Stoneguard
- Observation Deck Available

**Trailers Can Be Customized for Your Production Environment.**

**Rooftop Shooting Decks SMPTE Fiber I/O Panels LED Lighting Packages  
Sound Isolation Rooms On-Board Generators Custom Colors**



Interior Control Room Lighting



Heavy Duty AC Wiring



8 Foot Console Table

VPTR-1.....**\$21999.99**

## America's Largest Wall Plate Selection

More and More Contractors, Consultants, Engineers and Industry Professionals choose Markertek as their Ultimate Source for Standard & Custom Plates and Panels. Our wall plates are made with UL/SA Listed 22 Gauge Type 430 Stainless Steel Plates.

## Single Gang Stainless Steel Wall Plates

Contractor Packs / Quantity Pricing Available!



### BNC Feed-Thru Barrels\*

<b>WPL-1101</b>	1 TecNec BNC Barrel .....	\$8.96
<b>WPL-1102</b>	2 TecNec BNC Barrels .....	\$10.76
<b>WPL-1103</b>	1 Canare BCJ-JRU Flushmount BNC Feed-Thru Barrel .....	\$12.95
<b>WPL-1104</b>	2 Canare BCJ-JRU Flushmount BNC Feed-Thru Barrel .....	\$23.36



### DMX 5-Pin XLR Plates\*

<b>WPL-1178</b>	1 Neutrik NCSFDL-1-B Black & Gold 5-Pin XLR Female .....	\$16.16
<b>WPL-1179</b>	2 Neutrik NCSFDL-1-B Black & Gold 5-Pin XLR Females .....	\$34.16

### Color Coded Wall Plate I.D. Rings

7/16" Color coded bushings offer a quick glance identification of connector type in the plate. Note: Washers fit on all BNC chassis mount connectors for color coding. Fits only on Canare BCJ series for isolation purposes.



<b>IU-7/16 RD</b> .....	Red	<b>IU-7/16 GN</b> .....	Green
<b>IU-7/16 BE</b> .....	Blue	<b>IU-7/16 WE</b> .....	White
<b>IU-7/16 YW</b> .....	Yellow	<b>IU-7/16</b> .....	Black
<b>\$0.23 each</b>			

\* Wall Plates are also available in Brass, Anodized Aluminum and Lexan



### RF Coaxial (F) Barrels\*

<b>WPL-1107</b>	1 TecNec F Coax Barrel .....	\$5.36
<b>WPL-1108</b>	2 TecNec F Coax Barrels .....	\$9.86



### 1/4" TRS & 3.5mm Plates\*

<b>Rear Solder Points</b>			
<b>WPL-1109</b>	1 Switchcraft SW12B 1/4" .....	\$9.50	
<b>WPL-1110</b>	2 Switchcraft SW12B 1/4" .....	\$9.95	
<b>WPL-1111</b>	1 Neutrik NJ3FP6C Latching .....	\$12.95	
<b>WPL-1112</b>	2 Neutrik NJ3FP6C Latching .....	\$22.46	

### TecNec Feed-Thru Barrel Plates

<b>WPL-1201</b>	2 1/4" TRS Barrels .....	\$55.05
<b>WPL-1196</b>	1 3.5mm Stereo Barrel .....	\$14.36



### Audio & Video Combo Plates\*

<b>WPL-1126</b>	2 TecNec PF-PFCM RCA Barrels mounted under 1 TecNec 75Ω BF-BFCM BNC Barrel .....	\$15.26
<b>WPL-1125</b>	3 TecNec PF-PFCM RCA Barrels - Red, White and Yellow Color Coded .....	\$14.84
<b>WPL-1128</b>	2 TecNec PF-PFCM RCA Barrels mounted under 1 TecNec SV4-BLCM/N S-Video Metal Barrel .....	\$13.46
<b>WPL-1129</b>	1 TecNec SV4-BLCM/N S-Video Metal Barrel, 1 TecNec 75Ω BF-BFCM BNC Barrel & 2 TecNec PF-PFCM RCA Barrels .....	\$14.84



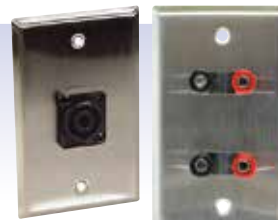
### RCA Feed-Thru Barrels\*

<b>WPL-1105</b>	1 TecNec RCA Barrel .....	\$9.86
<b>WPL-1106</b>	2 TecNec RCA Barrels .....	\$10.76
<b>WPL-1125</b>	3 TecNec RCA Barrels .....	\$14.84



### Neutrik XLR Plates\*

<b>WPL-1113</b>	1 NC3MD-L-1 Male XLR .....	\$9.86
<b>WPL-1114</b>	2 NC3MD-L-1 .....	\$15.74
<b>WPL-1115</b>	1 NC3FD-L-1 Female XLR .....	\$10.95
<b>WPL-1116</b>	2 NC3FD-L-1 .....	\$15.74
<b>WPL-1117</b>	1 NC3FD-L-0 "Latchless" Female XLR .....	\$9.86
<b>WPL-1118</b>	2 NC3FD-L-0 "Latchless" Female XLRs .....	\$15.74
<b>WPL-1119</b>	1 NC3MPP Plastic Male XLR .....	\$8.96
<b>WPL-1121</b>	1 NC3FPP "Latchless" Plastic Female XLR .....	\$8.06
<b>WPL-1122</b>	2 NC3FPP "Latchless" Plastic Female XLR .....	\$15.26
<b>WPL-1197</b>	2 NCJ6FI-S Combo XLR / 1/4" Connectors .....	\$18.86



### Speaker Connector Plates\*

<b>WPL-1123</b>	1 Neutrik Speakon "D-Series" NL4MP 4-Pole Speaker Jack .....	\$8.96
<b>WPL-1124</b>	2 Neutrik Speakon "D-Series" NL4MP 4-Pole Speaker Jacks .....	\$15.26
<b>WPL-1161</b>	1 Pomona Dual Banana Jack with 1 Red & 1 Black .....	\$10.76

In-house Laser Engraving Always Available!



# iPanelCAD™ FREE APP!

Markertek Panel Design APP

iPanelCAD is Markertek's free browser-based application for both Mac & PC for designing custom wall plates, rack panels and more for broadcast & professional AV applications! Universally designed for mobile and desktop devices so you can use it anywhere.

- Fast & Intuitive Browser-Based Application
- Instant Price Quote as You Create Your Drawing
- Massive Drag & Drop Connector & Parts Library
- All Work Performed In-House
- Export Drawings as DWG Files
- Spec Size, Material, Finish, Connectors, & Engraving



**Multi-Platform!**

## GET THE APP. GET THE APP. GET THE APP.



**Custom Cables for All Fiber, Video & Audio Applications**



**Custom Metal Patch Bays & Panels**

Nobody offers the full range of custom services for the broadcast, pro-audio and presentation professional like Markertek. Why not send us all of your custom needs and let us create those one of a kind solutions that make your projects all come together?

### Custom Cable Shop

Our in-house facility uses the finest, state-of-the-art equipment to produce custom cables and interface solutions that you require. Our shop is LEMO, Neutrik & Belden Certified, RoHS compliant and has the latest test equipment to produce 100% quality controlled cable assemblies.

### Custom Metal Shop

Our in-house metal shop utilizes the very latest in laser & plasma cutters to produce anything and everything the media professional requires. Custom panels, wall plates, cable reels, stage boxes, wall & floor pockets in any quantity are only a phone call away.

### Markertek You-Design-It Custom Patch Bays

Now you can design your own custom patch bay - fiber, audio and video - loaded with the connectors of your choice. Choose from the highest quality connectors in the industry. Names like Neutrik, Canare, Switchcraft, Senko, and TecNec. The 24XU features two rows of 12 positions for a total of 24 connector possibilities. The 8XU features one row of 8 positions. All connectors are precision mounted on a steel 19" rack panel. Each bay is fabricated in our factory and shipped to you complete and ready-to-use.

Order Custom XU Patchbays and more at:

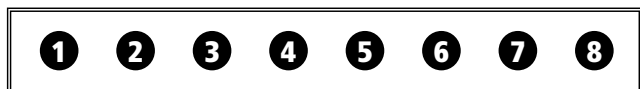
[www.markertek.com/custom/services](http://www.markertek.com/custom/services)

<b>8XU</b>	8 Point Custom Universal Patch Bay, 1RU .....	<b>\$99.00</b>
<b>16XU</b>	16 Point Custom Universal Patchbay, 1RU .....	<b>\$149.00</b>
<b>32XU</b>	32 Point Custom Universal Patchbay.....	<b>\$199.00</b>

**Supply Connector choices & panel location with order**

## YOU THINK OF IT, WE'LL BUILD IT!

The Markertek metal team can build any panel, wall plate, wall box or floor pocket incorporating any combination of fiber, audio, video, data & communications connection. We have achieved certification from the best names in the industry. Save time and money. Design your project with us today!





## Middle Atlantic Products

### CFR Cabinet Frame Rack

Designed to provide rackspace in cabinets, credenzas, podiums, lecterns and other pre-built structures. Features:

- Low profile design maximizes amount of useable rackspace.
- A strong welded frame that allows for pre-loading equipment and transportation to the installation site
- Available in 16" and 18" depths
- Available in 8 to 14 space useable racking height
- Comes standard with two adjustable front to rear lacing bars for cable dressing or mounting accessories
- Rackrail features offset cable tie area which keeps the rack to a slim 19-1/4" width
- Optional runner kits allow the rack to easily slide in or out of cabinets and credenzas.



<b>CFR-10-16</b>	10 Space Cabinet Frame Rack 16" Depth	<b>Discount \$271.50</b>
<b>CFR-12-16</b>	12 Space Cabinet Frame Rack 16" Depth	<b>Discount \$271.50</b>
<b>CFR-14-16</b>	14 Space Cabinet Frame Rack 16" Depth	<b>Discount \$271.50</b>
<b>CFR-10-18</b>	10 Space Cabinet Frame Rack 18" Depth	<b>Discount \$291.00</b>
<b>CFR-11-18</b>	11 Space Cabinet Frame Rack 18" Depth	<b>Discount \$291.00</b>
<b>CFR-12-18</b>	12 Space Cabinet Frame Rack 18" Depth	<b>Discount \$291.00</b>
<b>CFR-13-18</b>	13 Space Cabinet Frame Rack 18" Depth	<b>Discount \$291.00</b>
<b>CFR-14-18</b>	14 Space Cabinet Frame Rack 18" Depth	<b>Discount \$291.00</b>

### ERK Series Enclosures

The ERK Series 19" Rack Enclosures boast unsurpassed features at the lowest price in their class.

- 16 gage steel tops, bottoms & sides
- Comes with a standard rear locking door
- Front 11 gage, 10-32 threaded rack rails
- Durable textured black powder coat finish
- Uniform Building Code seismic zone 4 requirements for 500 lbs.
- Features 1/2", 3/4", 1" and 1.5" electrical knockouts on rear top and bottom removable plates
- 750 Lb. capacity • Open Top design • Ventilated sides

**Ships Truck Freight.**

Part#	Overall Height	Racking Height	Outside Depth	Discount
<b>ERK-44-25</b>	81 1/8"	77" (44 Space)	25"	<b>\$795.00</b>
<b>ERK-40-25</b>	74 1/8"	70" (40 Space)	25"	<b>\$729.75</b>
<b>ERK-27-25</b>	51 3/8"	47.25" (27 Space)	25"	<b>\$615.00</b>
<b>ERK-44-20</b>	81 1/8"	77" (44 Space)	19.5"	<b>\$735.00</b>
<b>ERK-21-25</b>	81 1/8"	77" (44 Space)	25"	<b>\$584.25</b>
<b>ERK-27-20</b>	51 3/8"	47.25" (27 Space)	19.5"	<b>\$567.00</b>
<b>ERK-ST</b>		Solid Top		<b>\$42.00</b>



### SLIM 5 Series Enclosures

Versatile rack frame system with patented bolt together design for shipping knocked down via UPS.

**"As strong as a welded cabinet!"**

Economically priced • Two Pair of fixed 11 gauge, 10-32 threaded rack rails • 13 Gauge steel top & bottom • 1/2" & 3/4" Rear bottom & top electrical knockouts • Can be ganged together with optional cable chase kit • 20" Usable depth • 400 Lb. capacity (Models 5-43;5-37;5-29) • 300 Lb. capacity (Models 5-21;5-14;5-8)

Part#	Overall Height	Racking Height	Discount
<b>5-43</b>	79"	75.25" (43 Space)	<b>\$405.00</b>
<b>5-37</b>	68.5"	64.75" (37 Space)	<b>\$387.75</b>
<b>5-29</b>	54.5"	50.75" (29 Space)	<b>\$369.75</b>
<b>5-21</b>	40.5"	36.75" (21 Space)	<b>\$336.00</b>
<b>5-14</b>	28.25"	24.5" (14 Space)	<b>\$298.50</b>
<b>5-8</b>	17.75"	14" (8 Space)	<b>\$261.75</b>



### NEW 26" Deep Slim-5 Racks

Part#	Discount	Solid Door
<b>5-43-26</b>	79" H Overall, 75.25" (43 Space)	<b>\$459.75 DO-5-43 • \$264.00</b>
<b>5-37-26</b>	68.5", 64.75" (37 Space)	<b>\$442.50 DO-5-37 • \$230.25</b>
<b>5-29-26</b>	54.5", 50.75" (29 Space)	<b>\$423.75 DO-5-29 • \$209.25</b>
<b>5-21-26</b>	40.5", 36.75" (21 Space)	<b>\$390.00 DO-5-21 • \$171.00</b>
<b>5-14-26</b>	28.25", 24.5" (14 Space)	<b>\$353.25 DO-5-14 • \$144.75</b>
<b>5-8-26</b>	17.75", 14" (8 Space)	<b>\$317.25 DO-5-8 • \$134.25</b>



### RK Series 19" K.D. Equipment Racks

Now with Enhanced Black Wood Grain Finish & New Options!

Cost effective modular, studio racks well suited for permanent installation • Constructed with 5/8" black laminated MDF board • Pre-installed 11 gauge 10-32 threaded front rack rails • Quick & easy assembly with supplied allen wrench & driver bit • Caster kit option also available • RK racks feature 16"D - BRK racks feature 18"D • New options are not compatible with old RK/BRK models



<b>RK-2</b>	2RU, 3.5"	<b>\$106.50</b>	<b>BRK-6</b>	6RU, 10.5"	<b>\$135.00</b>
<b>RK-4</b>	4RU, 7"	<b>\$115.50</b>	<b>BRK-8</b>	8RU, 14"	<b>\$142.50</b>
<b>RK6</b>	6RU, 10.5"	<b>\$123.00</b>	<b>BRK-10</b>	10RU, 21"	<b>\$147.75</b>
<b>RK-8</b>	8RU, 14"	<b>\$134.25</b>	<b>BRK-12</b>	12RU, 21"	<b>\$154.50</b>
<b>RK10</b>	10RU, 17.5"	<b>\$137.25</b>	<b>BRK-14</b>	14RU, 24.5"	<b>\$162.00</b>
<b>RK-12</b>	12RU, 21"	<b>\$147.00</b>	<b>BRK-16</b>	16RU, 28"	<b>\$171.75</b>
<b>RK-14</b>	14RU, 24.5"	<b>\$152.25</b>	<b>BRK-20</b>	20RU, 35"	<b>\$181.50</b>
<b>RK-16</b>	16RU, 28"	<b>\$155.25</b>	<b>BRK-12-22</b>	12RU, 22"	<b>\$209.25</b>
<b>RK-20</b>	20RU, 35"	<b>\$163.50</b>			

#### Caster Kits

**RKW** Caster Kit ..... **\$47.25**

#### Quick Position Shelves (BRK)

**SH-BRK** BRK Only..... **\$48.00**

#### Smoked Glass Doors

Now available for all racks above. Search Keyword RK-GD online.

## Blank Rack Panels

### #16 Flanged Aluminum, Black Powder Coat

PBL-1	1 RU	\$9.00
PBL-2	2 RU	\$11.25
PBL-3	3 RU	\$16.50
PBL-4	4 RU	\$18.00

### PBL Contractor Packs (Last Digit(s) Indicates Qty)

PBL1-CP12	1 RU	\$99.75
PBL2-CP12	2 RU	\$126.75
PBL3-CP6	3 RU	\$89.25
PBL4-CP6	4 RU	\$102.00

### #16 Flanged Steel, Textured

MA-SB1	1 RU	\$13.50
MA-SB2	2 RU	\$17.25
MA-SB3	3 RU	\$21.00
MA-SB4	4 RU	\$22.50

### #11 Flat Aluminum, Black Powder Coat

PHBL-1	1 RU	\$10.50
PHBL-2	2 RU	\$13.50
PHBL-3	3 RU	\$17.25
PHBL-4	4 RU	\$22.50

### PHBL Contractor Packs (Last Digit(s) Indicates Qty)

PHBL1-CP12	1 RU	\$117.00
PHBL2-CP12	2 RU	\$151.50
PHBL3-CP6	3 RU	\$94.50
PHBL4-CP6	4 RU	\$126.75

EVT-2		
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### #14 Flanged Steel, Black Powder Coat

EB-1	1 RU	\$9.00
EB-2	2 RU	\$12.00
EB-3	3 RU	\$14.25
EB-4	4 RU	\$18.75
EB-5	5 RU	\$21.75
EB-6	6 RU	\$25.50



### #16 Flat Steel, Black Powder Coat

FEB-1	1 RU	\$8.25
FEB-2	2 RU	\$10.50
FEB-3	3 RU	\$13.50
FEB-4	4 RU	\$17.25
FEB-5	5 RU	\$21.00
FEB-6	6 RU	\$23.25



### Vented Rack Panels

VT-1	1 RU Vent Panel-flanged perforated steel Black	Discount \$14.25
VT-2	2 RU Vent Panel-flanged perforated steel Black	Discount \$17.25
VT-3	3 RU Vent Panel-flanged perforated steel Black	Discount \$21.00
EVT-1	1 RU Econo-Vent Panel-flanged steel, vertical slots Black	Discount \$11.25
EVT-2	2 RU Econo-Vent Panel-flanged steel, vertical slots Black	Discount \$14.25



### Rack Rails

1/8" thick, all-steel rack rail threaded for 10-32 screws. With full hole spacing, they are sold in pairs only and designed for use with 19-1/8" wide rough openings. Durable black powder coat finish.

RR2	2 RU, 3.5"	\$7.50	RR14	14 RU, 24.5"	\$31.50
RR4	4 RU, 7"	\$12.00	RR16	16 RU, 28"	\$35.25
RR6	6 RU, 10.5"	\$18.00	RR18	18 RU, 31.5"	\$39.00
RR8	8 RU, 14"	\$20.25	RR21	21 RU, 36.75"	\$44.25
RR10	10 RU, 17.5"	\$24.00	RR27	27 RU, 47.25"	\$54.00
RR12	12 RU, 21"	\$28.v50	RR45	45 RU, 78.75"	\$87.00

### Rack Screws

Square (100 Pack with washers)	
HS	\$27.75
SBIT • HD Driver Bit	\$3.00
Clip-Ons (25 Pack)	
CORN	\$14.30
Iso-Wash (100 Pack)	
SW	\$9.00

Phillips (with washers)	
HPS • 25 Pack	\$6.00
HP • 100 Pack	\$21.75
HP-500 • 500 Pack	\$102.75
Shortie	
HPQ • 100 Pack	\$21.75
HPQ500 • 500 Pack	\$105.00

**Markertek Utility Shelves** are 16 gauge steel with black enamel finish. The quick and easy way to rack mount equipment not normally rack mountable. One piece heavy duty construction. 1 space holds up to 35 lbs. and 2 space holds up to 50 lbs.



US1	1.75" H (1RU); Shelf Area : 17.375" W x 11" D	\$26.99
US2	3.5" H (2 RU); Shelf Area : 17.375" W x 14.312" D	\$32.99

### UTR-1 1/2 / 1/3 Rack Shelf

Mounts smaller components, wireless units and other half/third-rack gear • Includes hook-and-loop strips and enhanced ventilation pattern • 16-gauge steel with a 25 lb. weight capacity • Black powder coat • 1RU high x 10" Deep



UTR-1		Discount \$32.25
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### Adjustable Telescoping Rack Shelf

Unlike standard adjustable shelves, the entire VSA shelf telescopes to reach rear rail, providing a range of useable depths from 16" to 44". Ideal for even the deepest components. Finished in a durable black powder coat & fully vented. Capacity: 500 lbs.

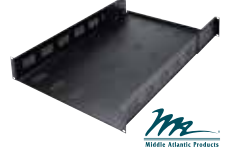
VSA-1626	16-26", 1RU High	Discount \$122.25
VSA-2744	27-44", 1RU High	Discount \$150.00



### Video Rackshelf

2 Space, fully vented mounting solution for virtually any video component • Expressly for heavy & deep equipment - 500 Lb. capacity • Adjusts from 24.5" to 29" deep • 25.5"D x 17.375"W shelf area

VDSRM		Discount \$117.00
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### Sliding Rack Shelf

From top load video decks to drum machines, the sliding shelf gives handy equipment access. 50 Lb. capacity & 16 gauge steel • Latches in open or closed position • Telescopic rear support fits all cabinets • Ball bearing slides extend 14" • 17.5"W x 15.75"D shelf. Please Note: Shelf occupies slightly more than 1 space, but presents no problem with equipment being on top.

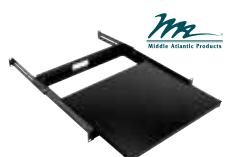
SS		Discount \$99.95
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### Low-Pro Sliding Shelf

35 Lb. weight capacity • Occupies just a single rack space • Telescopic rear support fits all cabinets • Extends 11" on 3/4" nylon roller slides equipped with positive stop locknuts • 17"W x 14"D shelf area

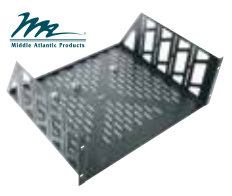
SSL		Discount \$99.75
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### UxV Series Vented Utility Shelf

Featuring fully ventilated bottom and sides for heat dissipation, these fully welded, easy-to-install shelves fit all components up to 17 3/8" wide to quickly meet all of your rackmounting needs. Made from 16-gauge steel.

U2V	2 Space	Discount \$57.75
U3V	3 Space	Discount \$65.25
U4V	4 Space	Discount \$72.00



### Super Low Cost Rack Drawers

Organize Your Rack for Half the Price!

TecNec Rack Drawers. Durable and won't empty your pockets! Excellent quality synonymous with the TecNec name. Light Weight 19"/483mm Rack Drawer, Lockable, with Slam Lock. Material: Steel/Aluminum.



TN-RD2	2RU	Reg. \$69.99	Discount \$65.99
TN-RD3	3RU	Reg. \$74.99	Discount \$67.95
TN-RD4	4RU	Reg. \$79.99	Discount \$71.95
TN-RD5	5RU	Reg. \$84.99	Discount \$75.95

## Connectronics™

### Neutrik TRUE1 PowerCon Extension Cables



#### Neutrik TRUE1 PowerCon to NEMA5-15R Power OUT AC Cable - 15 AMP

The nylon plug end with zinc plated steel screws and solid brass contacts ensure impact resistance in rugged environments and superior performance. Indoor use only.

**SPECIFICATIONS:** Connector: Female powerCON True1 • AC Plug: 15 Amp, 120V, NEMA5-15R • Cable: SJ00W, 300V, 12AWG • Rated: 15 Amp, power out

TRUE1-ACOUT-003	3'	Discount \$58.00
TRUE1-ACOUT-010	10'	Discount \$70.00
TRUE1-ACOUT-025	25'	Discount \$93.00
TRUE1-ACOUT-050	50'	Discount \$132.00
TRUE1-ACOUT-075	75'	Discount \$171.00
TRUE1-ACOUT-100	100'	Discount \$210.00



#### Neutrik TRUE1 PowerCon to NEMA5-15P Power IN AC Cable - 15 AMP

The nylon plug end with zinc plated steel screws and solid brass contacts ensure impact resistance in rugged environments and superior performance. Indoor use only.

**SPECIFICATIONS:** Connector: Female powerCON True1 • AC Plug: 15 Amp, 120V, NEMA5-15P • Cable: SJ00W, 300V, 12AWG • Rated: 15 Amp, power in

TRUE1-ACIN-003	3'	Discount \$51.00
TRUE1-ACIN-010	10'	Discount \$62.00
TRUE1-ACIN-025	25'	Discount \$85.00
TRUE1-ACIN-050	50'	Discount \$124.00
TRUE1-ACIN-075	75'	Discount \$163.00
TRUE1-ACIN-100	100'	Discount \$194.00

#### Neutrik PowerCon AC Cables

When the pros need power, they turn to Neutrik PowerCon locked connectors. The PowerCon delivers hassle-free operation for components in use which are not to be engaged or disengaged when under load or live. More and more equipment by names such as Turbo-sound, JBL, EON, EAW, Meyer, Mackie and others are utilizing this reliable system for powering gear. We bring you the solution for powering it. Cables use 20 Amp PowerCon connectors, 12/3 SJO AC cord and Leviton 3-prong power ends. Custom Lengths Always Available.



PWRCN-ACIN-10	AC Input, NAC3FCA to Male AC - 10'	Discount \$37.75
PWRCN-ACOUT-10	AC Output, NAC3FCB to Female AC, 10'	Discount \$45.15
PWRCN20-AB-10	NAC3FCB Male to NAC3FCB Female, 10'	Discount \$39.99
PWRCN20-AB-15	NAC3FCB Male to NAC3FCB Female, 15'	Discount \$48.99
PWRCN20-AB-50	NAC3FCB Male to NAC3FCB Female, 50'	Discount \$95.99

#### Neutrik powerCON TRUE1 Connectors

Neutrik's first true mains connector with breaking capacity according to IEC 60320. The lockable system of single phase connectors is designed for 16 A, 250 V. A complete system including inlet and outlet couplers for easy daisy-chaining of equipment.

NAC3FX-W	Locking female cable connector, screw terminals.....	Discount \$8.32
NAC3MPX	Male chassis connector.....	Discount \$3.94
NAC3MX-W	Locking male cable connector, screw terminals.....	Discount \$8.32
NAC3PX	Duplex chassis connector, combines inlet&outlet .....	Discount \$9.63

#### Neutrik TRUE1 PowerCon to NEMA5-20P Power IN Cable - 20 AMP

The nylon plug end with zinc plated steel screws and solid brass contacts ensure impact resistance in rugged environments and superior performance. Indoor use only.

**SPECIFICATIONS:** Connector: Female powerCON True1 • AC Plug: 20 Amp, 120V, NEMA5-20P • Cable: SJ00W, 300V, 12AWG • Rated: 20 Amp, power in

TRUE1-AC20IN-003	3'	Discount \$67.00
TRUE1-AC20IN-010	10'	Discount \$79.00
TRUE1-AC20IN-025	25'	Discount \$102.00
TRUE1-AC20IN-050	50'	Discount \$141.00
TRUE1-AC20IN-075	75'	Discount \$180.00
TRUE1-AC20IN-100	100'	Discount \$219.00



#### Neutrik TRUE1 PowerCon Male to Female AC Power Extension Cable - 20 AMP

Waterproof for outdoor use!



**SPECIFICATIONS:** Connectors: I65 dust and water resistant rated powerCON True1 • Cable: SJ00W, 300V, 12AWG • Rated: 20 Amp

TRUE1-ACEXT-003	3'	Discount \$53.00
TRUE1-ACEXT-010	10'	Discount \$63.00
TRUE1-ACEXT-025	25'	Discount \$87.00
TRUE1-ACEXT-050	50'	Discount \$126.00
TRUE1-ACEXT-075	75'	Discount \$165.00
TRUE1-ACEXT-100	100'	Discount \$204.00

#### Neutrik PowerCon AC Connectors

PowerCon® is a lockable 3 pole equipment (AC) connector with contacts for line, neutral, and pre-mating safety grounds. It is rated at 20A/250V AC. Custom Keyed Power-In (Blue) and Power-Out (Gray) Color coded for easy identification. The contacts are designed to prevent damage from arcing when disconnected while under load. Chuck style type cable strain relief. Note: PowerCon connectors are not to be used as a "Mains" connector.

Power Input (Blue)	Each	10+	25+
NAC3FCA Cable End Connector	\$6.15	\$5.97	\$5.79
NAC3MPA Chassis Mount Connector	\$3.11	\$3.02	\$2.93
Power Output (Grey)	Each	10+	25+
NAC3FCB Cable End Connector	\$6.15	\$5.96	\$5.78
NAC3MPB Chassis Mount Connector	\$3.11	\$3.02	\$2.93



#### Neutrik PowerCon 32 Amp Cable Connector

The 32 Amp PowerCon is an extremely robust and reliable locking single phase AC appliance cable connector for high current capacity (32 A rated). It is conceived as a non-standardized 3 pole connection system without breaking capacity to serve the needs of high power distribution systems and supplies for professional audio and lighting equipment and installations. The connectors comprise of contacts for phase, neutral and protective earth (ground) conductors rated for currents up to 32 A and for voltages up to 250V.

NAC3FC-HC • Reg. \$20.67 Discount \$19.08





# HDMI CABLES



## HDMI 2.0 Series Cables

**HDMI 2.0 series is the latest version of high speed with Ethernet cable built to support the evolution of 4K compatible HDMI hardware** • Supports 4K@50/60, (2160p) as well as High-Frame Rate 2D Content • Supports Dual Video Streams • Supports the Highest Possible Frame Rates • Supports 21:9 Aspect Ratio

HDMI-20-01	1 meter	Reg. \$14.40	Discount \$12.96
HDMI-20-02	2 meters	Reg. \$15.20	Discount \$13.68
HDMI-20-03	3 meters	Reg. \$21.00	Discount \$18.90
HDMI-20-05	5 meters	Reg. \$38.50	Discount \$34.65



## Flat v1.4 HDMI Cables

Fully molded high speed Flat HDMI cables offer the most flexible option for cable in-wall and under carpet installations. Super flexible for rounding corners. HDMI V1.4 Category 2 for full support of 1080p resolutions and transfer speeds of 10.2Gbps. UL recognized.

HDMI-FLAT-03	3'	Reg. \$14.95	Discount \$13.75
HDMI-FLAT-06	6'	Reg. \$17.95	Discount \$16.20
HDMI-FLAT-10	10'	Reg. \$22.79	Discount \$20.69
HDMI-FLAT-15	15'	Reg. \$28.95	Discount \$26.50



## High Speed HDMI Cable with Ethernet and RedMere™ Chip

HDMI Cables powered by RedMere's technology are only 25% of the size of a standard HDMI cable and because they are light and ultra-thin they are easier to bend, route and disguise

- Active amplification provided by the RedMere chip for data speeds exceeding 10.2 Gbps up to 100 ft.
- Enables IP-based applications over HDMI
- Supports 3D
- Supports 4K x 2K and 1080p
- Data Speed Transfer: Exceeds 10.2 Gbps
- UL Listed
- CL3 Rated 20 ft and Up

VCO-RDM012	12'	Discount \$29.99
VCO-RDM015	15'	Discount \$34.99
VCO-RDM025	25'	Discount \$39.99
VCO-RDM035	35'	Discount \$49.99
VCO-RDM050	50'	Discount \$64.99
VCO-RDM075	75'	Discount \$109.99



## HDMI-A to Mini HDMI-C

HDMI Type C to HDMI Type A male to male cables for connecting camcorders & other devices equipped with "mini" HDMI Type C connectors.



HDMI-CA-3	3'	Discount \$17.35
HDMI-CA-6	6'	Discount \$17.45
HDMI-CA-10	10'	Discount \$24.45



## HDMI To DVI Cables

HDMI-DVID-6	6'	Discount \$16.16
HDMI-DVID-10	10'	Discount \$17.96
HDMI-DVID-16	16'	Discount \$26.96



## HDMI v1.4 Cables

HDMI-14-3	3'	Discount \$8.99
HDMI-14-6	6'	Discount \$9.99
HDMI-14-10	10'	Discount \$11.99
HDMI-14-12	12'	Discount \$13.99
HDMI-14-15	15'	Discount \$15.99
HDMI-14-20	20'	Discount \$20.99
HDMI-14-25	25'	Discount \$21.99
HDMI-14-30	30'	Discount \$24.99
HDMI-14-35	35'	Discount \$26.99
HDMI-14-40	40'	Discount \$42.99
HDMI-14-50	50'	Discount \$49.99
HDMI-14-75	75'	Discount \$84.99
HDMI-14-100	100'	Discount \$129.99



## Ultra Slim HDMI High Speed Cable with Ethernet

- Thinner more Flexible Gauge and a Smaller Connector
- Enables IP-based applications over HDMI
- Allows 3D over HDMI when connected to 3D Devices
- Supports 4K x 2K and 1080p Video Resolutions
- Data Speed Transfer: Exceeds 10.2 Gbps
- Audio return channel
- UL Listed, CL2 Rated

VCO-SSHD1	1' (36AWG)	Discount \$11.25
VCO-SSHD03	3'	Discount \$11.45
VCO-SSHD06	6'	Discount \$13.50
VCO-SSHD10	10'	Discount \$21.48

## 4K Javelin Plenum Fiber Optical HDMI Cable

Send Long Distance 4K HDMI & DVI Signals with No Loss!

Hall Research 4K Javelin Active Plenum HDMI extension cables utilize the latest in optoelectronic technology to transmit HDMI signals far beyond the typical limitations of copper cables. The cable is a hybrid of fiber and copper that allows HDMI signals to be extended 200 ft or more with zero loss. All PC and HDTV resolutions are supported including 4K Ultra HD. The HDCP compliant cables also support DDC and CEC. Proprietary circuitry is conveniently incorporated inside the HDMI connectors to convert the video signals to light pulses and back. Furthermore, this plug-n-play cable requires no external power supply. Power is drawn from the 5v signal pin of the source HDMI output. The cable draws less than 0.25w of power from the source. Per HDMI specifications all HDMI compliant sources must at least provide 0.25 watts of power. If a particular source is not able to provide the required power, Hall Research offers 5v power inserter that can be placed between the source and the cable.

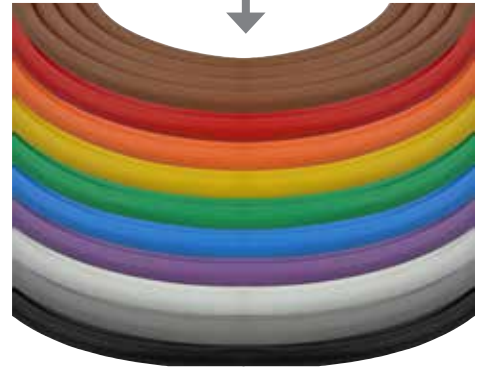


HRT-CHD-AP10	10 Meter	Discount \$284.05
HRT-CHD-AP15	15 Meter	Discount \$299.25
HRT-CHD-AP23	23 Meter	Discount \$365.75
HRT-CHD-AP30	30 Meter	Discount \$432.25
HRT-CHD-AP46	46 Meter	Discount \$550.05
HRT-CHD-AP60	60 Meter	Discount \$660.25
HRT-CHD-AP100	100 Meter	Discount \$1111.50



## Pro BNC Cables Available in **COLORS!**

Black Standard. **COLORS:** BE = Blue; BN = Brown; GN = Green; GY = Gray; OE = Orange; PE = Purple; RD = Red; WE = White; YW = Yellow.



### 1505A RG59 BNC Cables

**Belden 1505A RG59 4.5 GHz Sweep HDTV / SDI BNC Cables**

Premium Assemblies utilizing Kings 75Ω Connectors for critical 4.5GHz, the 1505 series is best suited for short runs.



All colors available - see color codes above.

3'	1505-B-B-3.....	Discount \$14.60
6'	1505-B-B-6.....	Discount \$16.30
10'	1505-B-B-10.....	Discount \$21.95
15'	1505-B-B-15.....	Discount \$24.49
25'	1505-B-B-25.....	Discount \$29.95
50'	1505-B-B-50.....	Discount \$43.85
75'	1505-B-B-75.....	Discount \$59.70
100'	1505-B-B-100.....	Discount \$71.95
150'	1505-B-B-150.....	Discount \$101.95
200'	1505-B-B-200.....	Discount \$131.49

### 179DT Mini RG59 BNC Cables

**Belden 179DT 3 GHz Sweep Mini Coax BNC Cables**

RG-179 Type coaxial cable is ideal for HDTV broadcast trucks as it weighs about 60% less and takes up to 40% less space than standard Mini RG-59/U Type coax. Made with Kings 2065-26-9 Series 75Ω Connectors.



Available in Black Only

3'	179DT-B-B-3.....	Discount \$19.79
6'	179DT-B-B-6.....	Discount \$20.69
10'	179DT-B-B-10.....	Discount \$22.69
15'	179DT-B-B-15.....	Discount \$24.99
25'	179DT-B-B-25.....	Discount \$31.49
50'	179DT-B-B-50.....	Discount \$51.99
75'	179DT-B-B-75.....	Discount \$71.99
100'	179DT-B-B-100.....	Discount \$79.99
150'	179DT-B-B-150.....	Discount \$119.95
200'	179DT-B-B-200.....	Discount \$159.99

### 1694A RG6 BNC Cables

**Belden 1694A RG6 4.5 GHz Sweep HDTV / SDI BNC Cables**

Premium Assemblies utilizing Kings 75Ω Connectors for critical HD applications. Tested to 4.5GHz, the 1694 series is best suited for long runs, cable troughs, remotes and other instances where crush resistance and pull strength are a factor.



All colors available - see color codes above.

3'	1694-B-B-3.....	Discount \$17.95
6'	1694-B-B-6.....	Discount \$20.95
10'	1694-B-B-10.....	Discount \$23.49
15'	1694-B-B-15.....	Discount \$26.95
25'	1694-B-B-25.....	Discount \$34.49
50'	1694-B-B-50.....	Discount \$52.49
75'	1694-B-B-75.....	Discount \$70.49
100'	1694-B-B-100.....	Discount \$88.49
150'	1694-B-B-150.....	Discount \$124.49
200'	1694-B-B-200.....	Discount \$160.49



### RG6 SDI / HDTV 75Ω BNC

**Premium Quality BNC Male To BNC Male RG-6 Made With Canare Connectors & L-5CFW Digital Cable**

75Ω Precision Serial Digital Video Cable offers the professional broadcaster a high performance, 100% sweep tested, low cost, low loss coax, meeting the demands of today's facility migration trends toward Serial Digital Video & HDTV Standards

3'	SD6-BB3.....	Discount \$19.95
6'	SD6-BB6.....	Discount \$22.49
10'	SD6-BB10.....	Discount \$29.95
15'	SD6-BB15.....	Discount \$36.49
25'	SD6-BB25.....	Discount \$49.49
50'	SD6-BB50.....	Discount \$74.99
75'	SD6-BB75.....	Discount \$99.95
100'	SD6-BB100.....	Discount \$134.99

Available in Black Only

**Premium Quality BNC Male To BNC Male Hand Crafted in Our Shop with Belden 1505F Flexible RG59**

3'	1505F-B-B-3.....	Discount \$13.49
6'	1505F-B-B-6.....	Discount \$16.49
10'	1505F-B-B-10.....	Discount \$20.49
15'	1505F-B-B-15.....	Discount \$25.95
25'	1505F-B-B-25.....	Discount \$35.49
50'	1505F-B-B-50.....	Discount \$77.45

### Premium Canare BNC To BNC



**Premium Quality Made with Premium Markertek Connectors & Flexible Canare LV-61S Cable.**

1.5'	CB-CB-18IN-BK.....	Discount \$13.00
3'	CB-CB-3-BK.....	Discount \$13.50
6'	CB-CB-6-BK.....	Discount \$15.80
10'	CB-CB-10-BK.....	Discount \$17.35
25'	CB-CB-25-BK.....	Discount \$29.10
50'	CB-CB-50-BK.....	Discount \$43.60
75'	CB-CB-75-BK.....	Discount \$58.15

RCA to RCA also available - replace "CB" with "CR" in model #. All colors available - see color codes above.



### Molded BNC Male To Male Cables

6"	B-B-6IN.....	Discount \$11.95
1.5'	B-B-1.5.....	Discount \$7.19
3'	B-B-3.....	Discount \$8.99
6'	B-B-6.....	Discount \$10.99
10'	B-B-10.....	Discount \$11.69
15'	B-B-15.....	Discount \$13.49
25'	B-B-25.....	Discount \$16.49
50'	B-B-50.....	Discount \$22.99
75'	B-B-75.....	Discount \$31.99
100'	B-B-100.....	Discount \$44.99

Available in Black Only

### 3G / HD-SDI / SDI Digital Video Belden 1505F Flexible BNC Cables



Available in Black Only

# VIDEO CABLES



## Laird 4K/8K Cable Assembly with Neutrik RearTWIST BNC Connectors & Belden 1855 Cable

UHD BNC Cable Assembly with True 75 ohm 4K/8K Performance

The Laird RTBNC-1855-003 4K/8K UHD Cable Assembly with Neutrik rearTWIST UHD BNC connectors & Belden Mini RG59 1855A is built for extended bandwidth for 4K and 8K video applications.

Neutrik's rearTWIST UHD BNC achieves increased headroom and offers additional return loss reserve for potential impedance deviations resulting from cable bending, incorrect connector assembly or faulty connection interfaces without signal interruption. The rear twist technology simplifies insertion and removal of recessed BNC panel connectors and allows for easy patch bay interface. No special BNC removal tool is required; simply use the rear boot twist.



3'	RTBNC-1855-003	\$17.95
6'	RTBNC-1855-006	\$19.95
10'	RTBNC-1855-010	\$22.95
15'	RTBNC-1855-015	\$24.95
25'	RTBNC-1855-025	\$30.95
50'	RTBNC-1855-050	\$45.95
75'	RTBNC-1855-075	\$60.95
100'	RTBNC-1855-100	\$75.95
250'	RTBNC-1855-250	\$164.95
500'	RTBNC-1855-500	\$314.95



### DIN Male to BNC Female Adapter Cables



#### Right Angle Din to BNC Female (Red & Black)

RD1-DINABF-1	1'	\$25.95
RD1-DINABF-1RD	1'	\$25.95

#### Din to BNC Female (Red & Black)

RD1-DINBF-1	1'	\$17.95
RD1-DINBF-1RD	1'	\$17.95
RD1-DINBF-3	3'	\$17.95
RD1-DINBF-3RD	3'	\$17.95

#### Right Angle Din to BNC Male (Red & Black)

RD1-DINAB-1	1'	\$24.95
RD1-DINAB-1RD	1'	\$24.95

### DIN Male to Black & Gold BNC Male Adapter Cables



Assembled with Belden 1855A Mini-RG59 3G/SDI Coax cable, Trompeter Black & Gold BNCs and Kings 1.0/2.3 DIN connectors. Black Only.

#### DIN Male to BNC Male

DIN1855-B-1	1'	\$22.09
DIN1855-B-3	3'	\$23.19
DIN1855-B-6	6'	\$24.75
DIN1855-B-10	10'	\$26.79

#### DIN Male to BNC Female

DIN1855-BF-1	1'	\$16.49
DIN1855-BF-3	3'	\$18.95
DIN1855-BF-6	6'	\$20.95

### 1505A RG59 DIN Male to BNC Male Adapter Cables



Assembled with Belden 1505A RG59 3G/SDI Coax cable, Trompeter Black & Gold BNCs and White Sands 1.0/2.3 DIN connectors. Black Only.

DIN1505-B-1	1'	\$17.06
DIN1505-B-3	3'	\$19.76
DIN1505-B-6	6'	\$21.56
DIN1505-B-10	10'	\$25.16

#### DIN Male to BNC Female

DIN1505-BF-1	1'	\$17.06
DIN1505-BF-3	3'	\$19.76
DIN1505-BF-6	6'	\$21.56
DIN1505-BF-10	10'	\$25.16

### DIN Male to Black & Gold BNC Male Adapter Cables



Assembled with Belden 1855A Mini-RG59 3G/SDI Coax cable & Connectronics 1.0/2.3 DINs. Black Only.

DIN1023-1	1'	\$17.95
DIN1023-2	2'	\$18.95
DIN1023-3	3'	\$19.95
DIN1023-5	5'	\$21.95
DIN1023-7	7'	\$24.95
DIN1023-10	10'	\$26.95

### Laird 4K/UHD DIN Canare Camera Cable Assemblies

One step, quick-connect Laird cable assemblies connect 4 DIN channels of 3G HD-SDI signals for 4K/UHD video formats. Assembled with a Canare 4 channel, V4-2.5CHW flexible coax and Canare 4K DIN Connectors. The Canare MDM-V4C25HW male mates with the MDF-V4JRU panel mount receptacle which features a 4 DIN pass-through on the back side to increase your connectivity but not your rack space.

#### Laird 4K UHD Canare 3G HD-SDI Coax MDM-BNC 4 Channel Din Male to BNC Camera Breakout Cable

4KMMD-4BNC-003	3'	Discount \$139.95
4KMMD-4BNC-006	6'	Discount \$155.95
4KMMD-4BNC-010	10'	Discount \$178.95
4KMMD-4BNC-015	15'	Discount \$206.95
4KMMD-4BNC-025	25'	Discount \$264.95
4KMMD-4BNC-050	50'	Discount \$408.95
4KMMD-4BNC-075	75'	Discount \$552.95
4KMMD-4BNC-100	100'	Discount \$737.95



#### Laird 4K UHD Canare 3G HD-SDI Coax MDF-BNC 4 Channel Din Female to BNC Camera Breakout Cable

4KMDF-4BNC-010	10'	Discount \$178.95
4KMDF-4BNC-015	15'	Discount \$206.95
4KMDF-4BNC-025	25'	Discount \$264.95
4KMDF-4BNC-050	50'	Discount \$408.95
4KMDF-4BNC-075	75'	Discount \$552.95
4KMDF-4BNC-100	100'	Discount \$737.95

### Connectronics High Density HD-BNC Male to Standard BNC Female HD-SDI Cable with Belden 1855A Mini-RG59

The HD-BNC (aka Micro-BNC) is fast becoming popular on broadcast routers like the Harris Selenio as well as devices like the Gennum GS3440 Equalizer and GX3290 Crosspoint. HD-BNC delivers true 75 ohm performance in a footprint 51% smaller than traditional BNC connectors, allowing four times the density.

1'	HDBNC1855-BF01	\$27.95
3'	HDBNC1855-BF03	\$27.95
5'	HDBNC1855-BF05	\$28.95
7'	HDBNC1855-BF07	\$30.95
10'	HDBNC1855-BF10	\$32.95
15'	HDBNC1855-BF15	\$35.95
50'	HDBNC1855-BF50	\$56.95



### Connectronics 3G-SDI DIN 1.0/2.3 Male to DIN 1.0/2.3 Male Video Patch Cable

- Convert DIN to a BNC for quick-patch connection
- Black molded PVC hood
- 23 AWG cable with bare copper conductor
- Impedance: 75 Ohm



DIN-DIN-1 • 1 Foot  
Discount \$14.95



### Connectronics 3G-SDI DIN 1.0/2.3 Plug to BNC Female Jack Video Adapter Cable

- Convert DIN to a BNC for quick-patch connection
- Black molded PVC hood
- 23 AWG cable with bare copper conductor
- Impedance: 75 Ohm



DIN-BF-1 • 1 Foot  
Discount \$14.95





### Belden 10GXS12 CAT6A Cable 4 PR 23 AWG - Riser-CMR

*The Gold Standard of 10G Networking*

Through a unique combination of advanced engineering expertise and precision manufacturing, Belden has built upon the enabling technologies of its 10GX System to offer better noise immunity and performance that meets or exceeds Category 6A specifications. It not only gives you the performance you need to run current-day applications, but provides room for future growth and expansion.

10GXS cable has an improved shape for easier handling - a durable and lightweight round construction provides up to 25% space and weight savings. Superior crosstalk isolation and EMI suppression and up to 10dB of alien crosstalk headroom provide an optimized electrical performance.

Maintains equal distance between pairs and outer barrier along the cable to prevent noise coupling. Smaller Diameter: Saves up to 25% on space and weight.

**BL-10GXS121000\*** 1000' ..... **Discount \$586.65**

**\*Specify Color:** BK = Black; BE = Blue; DG = Dark Green; GY = Gray; OE = Orange; RD = Red; VT = Violet; WE = White; YW = Yellow

### Belden 10GX62F Enhanced CAT6A F/UTP Bonded-Pair Cable

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, Riser-CMR, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, Polyolefin Insulation, X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, PVC Jacket

**BL-10GX62F1000\*** 1000' ..... **Discount \$649.99**

**\*Specify Color:** BK = Black; BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow

### Belden 10GX63F Enhanced CAT6A F/UTP Bonded-Pair Cable

CAT6A (625MHz), 4-Bonded-Pair, F/UTP-Foil Shielded, Plenum-CMP, Premise Horizontal Cable, 23 AWG Solid Bare Copper Conductors, FEP Insulation, X-Spline, Inner Jacket, Overall Foil Screen with Drain Wire, Ripcord, Flamarrest Jacket

**BL-10GX63F1000\*** 1000' ..... **Discount \$1197.84**

**\*Specify Color:** BE = Blue; GY = Gray; RD = Red; WE = White; YW = Yellow

#### KEY APPLICATIONS:

- 10GBASE-T Ethernet
- 1000BASE-T as well as 2.5G and 5G Ethernet
- PoE Type 1 (15 W), Type 2 (30 W), Type 3 (60 W), Type 4 (90 W)
- IEEE 802.11ac Wave 1 and Wave 2 High-Throughput Wi-Fi
- HDBaseT, Broadband (CATV) and High-Speed Internet (DOCSIS)



## BELDEN CAT5e & CAT6 Cable - Black - See our website for White, Blue, Orange, Grey, Green, Red & Pink

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
<b>BL-1583A</b>	CAT5e DataTwist	24	Solid	0.195	15.0	70%	Unshielded	PVC/CMR	<b>\$188.85</b>	29
<b>BL-1585A</b>	1583A Plenum	24	Solid	0.198	15.0	72%	Unshielded	Flamarrest	<b>\$294.32</b>	25
<b>BL-1872A</b>	CAT6 MediaTwist UTP	23	Solid	.365 x .165	15.0	70%	Unshielded	PVC/CMR	<b>\$305.95</b>	29



## BELDEN CatSnake Cable

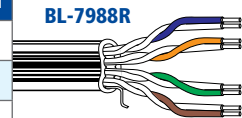
CatSnake™ UTP cables offer exceptional audio/video performance, plus they are extremely rugged and flexible for use outdoors, in broadcast truck applications and professional audio/video use. Belden has a heavy jacket wall version for medium duty applications (1304A) or an upjacketed version for the harshest heavy-duty environments (1305A). These cables also pass the UL 1581 -40°C Cold Bend test and are RJ45 and Neutrik EtherCon® compatible and ideal for Cat 5e Patch, CobraNet, eSnake, Ethersound, Digital Audio over Ethernet. Bonded-Pair unshielded twisted pairs (UTPs) with 24 AWG stranded bare copper conductors & polyolefin insulation. Black jacket with rip cords.

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	500 Ft.	1,000 Ft.
<b>BL-1304A</b>	CAT5e / Digital Audio	24	7x32	0.245	15.0	70%	Unshielded	PVC	<b>\$390.14</b>	<b>\$727.57</b>
<b>BL-1305A</b>	Upjacketed 1304A	24	7x32	0.295	15.0	72%	Unshielded	PVC	<b>\$460.87</b>	<b>\$859.46</b>
<b>BL-1300A</b>	Wi-Fi / LAN / Shielded	24	7x32	0.295	15.0	72%	Unshielded	PVC	<b>\$249.79</b>	<b>\$492.00</b>



## BELDEN VideoTwist AV Over UTP Cable (Bonded Pairs)

Model#	Use For:	Gage	Strand	O.D.	pf/Ft	Vel-Prop	Shield	Jacket	1,000 Ft.	Lbs. / M
<b>BL-7988R</b>	Low Skew AV	24	Solid	0.204	15.0	70%	Unshielded	PVC/CMR	<b>\$247.30</b>	29
<b>BL-7987R</b>	RGB Nano Skew	24	Solid	0.195	15.0	72%	Unshielded	PVC/CM	<b>\$229.05</b>	20
<b>BL-7989R</b>	CAT6 Low Skew AV	23	Solid	0.365 x 0.165	15.0	70%	Unshielded	PVC/CMR	<b>\$316.49</b>	29



### PLATINUM TOOLS SnapJacks Tool-Less Keystone Jacks



You may never again need a punchdown tool. At least for your wall jacks! The patented EZ-SnapJack is self-terminating and quickly installs for professional results in a snap. EZ-SnapJacks are re-useable. Wire guides ensures pairs stay in proper order for fast, easy termination.

**EZSJ-705-\*** • CAT5 • **Discount \$3.38 ea.**

**EZSJ-706-\*** • CAT6 • **Discount \$3.69 ea.**

**\*Specify Color:** BK = Black; BE = Blue;

GN = Green; OE = Orange



### Pro CAT Crimper

All-in-one crimping tool for Western Electric (WE)/ Stewart Stamping (SS) type, 4-, 6- and 8-position modular telephone plugs • Crimps 8 position RJ45 (non-keyed) • Embedded cable cutter and stripper • Crimps AWG 28-24 telephone & data cables • Built-in safety ratchet release • 5-Year warranty

**PAL-1530R • Discount \$119.95**



### Cut

#### Lineman's Pliers

8.5" For gripping, twisting, bending and cutting wire and cable. Two-tone (TPR) molded comfort grip handle.

PLAT-12201C \$17.81

6" The miniature version of the traditional design featuring the exact same benefits!

PLAT-12206C \$16.11



#### 5" Side Cutting Pliers

PLAT-10531C \$9.31

- Perfectly suited for field or production line work
- High carbon tool steel, precision ground
- Cuts copper wire and soft metals up to 16 AWG (.05)
- 21° full flush cut
- Spring action
- Comfort grip vinyl handle

### Strip

#### TOR Cable Jacket Slitter

PLAT-10017C \$76.50

The worlds best cable jacket stripper & slitter!

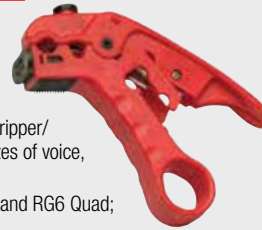
- Heavy-duty cable stripping and slitting
- For all insulation types
- Features interchangeable cable clamps
- Cable capacity up to 1 1/2"/40mm
- Tested to over 100,000 cycles!



#### Big Red Multi-Stripper

PLAT-15041C \$11.88

- Professional cable and wire stripper/cutter for most cable types/sizes of voice, data and video
- Pre-set for: RG59 CCTV; RG6 and RG6 Quad; RG7/11
- Adjustable stripper for twisted pair
- Works with Telephone & Audio (Voice) Round cables



#### Maxim 6 Self-Adjusting Wire Stripper

PLAT-15310 \$64.56

- 24-10 AWG stripping range
- 30-10 AWG cutting range
- For use with round, oval and flat wire cable

### Terminate



#### EZ-RJ45 Termination System Kit

PLAT-90173 \$242.25

Cat3/5/5e or 6 compliant data networks

Tools Included:

EZ-RJPRO HD Crimp Tool, Cat5e/6 Cable Jacket Stripper, Electrician's Scissors

Connectors Included:

EZ-RJ45 CAT5e, 100 pcs. EZ-RJ45 CAT6, 100 pcs.

EZ-RJ12/11, 50 pcs.

#### EZ-RJ45® CAT5/5e Connectors

PLAT-100003C \$28.12 50 pcs.

- EZ to verify wire sequence
- Made in USA
- Solid or stranded wire
- FCC compliant, UL rated
- Category 3, 5, 5E
- RoHS, TAA compliant



#### EZ-DataLock™ Locking Strain Reliefs

PLAT-100041CL-C \$14.41 20 pcs.

- For EZ-RJ45® Cat5e connectors
- Secure your data network 24/7
- For cables that are NOT to be disconnected
- Locked until the 'Key-Holder' unlocks



#### Patch Panels

PLAT-667-12C6S \$50.96

- 110/Krone punchdown tool compatible
- Meets ANSI/EIA/TIA 568C.2 standard
- Label for T568A and T568B
- Wire gauge range: 22 thru 26 AWG
- Solid or stranded wire
- 12-24 port, shielded, non shielded

### Test



#### Net Chaser™ Ethernet Speed Certifier & Network Tester

PLAT-TNC950AR \$1,804.05

Advanced discovery of network layout and interfaces between active components like servers, switches, routers, etc. Information is collected, stored, and ready for reporting.

- Speed Certification to IEEE standards 802.3
- Cable testing to TIA568A/B



#### LANSeeker™ Cable Tester

PLAT-TP500 \$59.46

- Cable tester and tone generator in one unit
- Results using LED indicators on the main and remote
- Identifies shorts, opens, miswires, reversed and split pairs
- Automatically starts test when a connection is sensed
- Debug mode diagnoses and displays faults
- Includes tone generator
- Self-stored remote
- Made in the USA

## Laird Belden 10GX Enhanced Shielded Category 6A 10 Gigabit IP Ethernet Cables

The future backbone of your IT & IP cable infrastructure starts and stops with a Belden Category 6A 10GX cable built by Laird. The continuing evolution of HDBaseT, HDBiT, DANTE and other similar standards for HD video and Digital Audio IP packetization methods demand the bandwidth of a Category 6A solution. Built Laird tough with Belden 4-pair, 23 AWG UTP copper 10GX cable that exceeds the ANSI/TIA-568-B.2-10 Category 6A standard and is ready for your high speed Local Area Networks (LANs), Server Farms, Storage Area Networks (SANs) and any other heavy data traffic environment.



CAT6-HDBT-003	3 Foot.....	Discount \$26.95
CAT6-HDBT-006	6 Foot.....	Discount \$29.95
CAT6-HDBT-010	10 Foot.....	Discount \$33.95
CAT6-HDBT-025	25 Foot.....	Discount \$46.95
CAT6-HDBT-050	50 Foot.....	Discount \$67.95
CAT6-HDBT-075	75 Foot.....	Discount \$89.95
CAT6-HDBT-100	100 Foot.....	Discount \$109.95
CAT6-HDBT-250	250 Foot.....	Discount \$243.95

### TuffCat Super Duty Cables

Developed for any application requiring heavy duty CAT5e cable deployment. Features Belden 7923a DataTuff Twisted pair cable with CAT-5e connector boots to protect locking tabs on RJ45 connector ends. Perfect in the field connecting audio and video baluns, or anywhere a heavy-duty CAT5e cable is needed.



TUFFCAT-25	25'.....	Discount \$26.45	TUFFCAT-75	75'.....	Discount \$55.95
TUFFCAT-35	35'.....	Discount \$31.95	TUFFCAT-100	100'.....	Discount \$71.95
TUFFCAT-50	50'.....	Discount \$39.95	TUFFCAT-200	200'.....	Discount \$131.45

### RJ45 & RJ11 CAT5e/CAT6 Feed-Thru Barrels

World's first chassis mount RJ45 to RJ45 feed-thru barrel connectors that fit any standard XLR audio rack panel!



<b>RJ45-RJ45CM</b>	8-Conductor RJ45 Chassis Mount Barrel, CAT5e compatible .....	<b>\$12.25</b>
<b>RJ-RJ45CM</b>	8-Conductor CAT5e RJ45 Female To RJ45 Female Modular Coupler.....	<b>\$6.29</b>
<b>RJ45-RJ45CM-6</b>	New! Category 6 RJ45 D-Style Panel Mount Coupler.....	<b>\$12.25</b>
<b>RJ11-RJ11CM</b>	RJ11 Female To RJ11 Female Chassis Mount.....	<b>\$12.25</b>
<b>RJ-RJ11CM</b>	RJ11 Female To RJ11 Female Modular Coupler .....	<b>\$4.40</b>

### Neutrik etherCON RJ45 Connectors



NE8FDY-C6 NE8FDY-C6-B NE8FDP NE8FDV-Y110



NE8MC NE8MC-1 NE8MC-1-B NE8FF

### 'D' Series Panel Mounts

<b>NE8FDP</b>	RJ45 feed-through barrel, Silver.....	<b>Discount \$9.75</b>
<b>NE8FDP-B</b>	RJ45 feed-through barrel, Black.....	<b>Discount \$10.57</b>
<b>NE8FDV-Y110</b>	Rear IDC 110 punch terminals .....	<b>Discount \$8.35</b>
<b>NE8FF</b>	Inline RJ45 coupling .....	<b>Discount \$16.35</b>

### Cable Mounts

<b>NE8MC6-MO</b>	etherCON CAT6 Cable Connector Self-Termination. Includes a cable plug carrier offering a robust metal shell with Push-Pull locking system .....	<b>Discount \$9.75</b>
<b>NE8MC</b>	Cable carrier for preassembled RJ45 plugs. Shell, fixing disk, chuck, bush & boot. Includes two cable protection elements for up to 5 mm cable diameters. Black bushing.....	<b>\$2.75</b>
<b>NE8MC-B</b>	As NE8MC but Black Shell .....	<b>Discount \$3.12</b>
<b>NE8MC-1</b>	Cable end housing consists of a shell, fixing disk, chuck and bush. X-Series Boot for 3.5 - 8 mm cable diameters. Standard bushing color is black.....	<b>Discount \$2.57</b>
<b>NE8MC-1-B</b>	As NE8MC-1 but Black Shell.....	<b>Discount \$2.95</b>

### CAT6 Series D Series Panel Mounts

<b>NE8FDY-C6</b>	CAT6 'D' panel connector with metal housing and secure latching system & gas-tight IDC termination, Silver .....	<b>Discount \$24.85</b>
<b>NE8FDY-C6-B</b>	CAT6 'D' panel connector w/metal housing & secure latching system & gas-tight IDC termination, Black .....	<b>Discount \$26.26</b>

### DataTuff Cat5e HD Cables



Need a CAT 5 cable that is as rugged as your video and audio cabling? Choose these ruggedized assemblies built with Belden round DataTuff cable mated to Neutrik Ethercon locking CAT 5 connectors. The Ethercon shell is diecast metal designed to completely protect the CAT 5 inner connector.

<b>CAT5XTRM-10</b>	10 ft. ....	<b>Discount \$19.49</b>
<b>CAT5XTRM-20</b>	20 ft. ....	<b>Discount \$25.49</b>
<b>CAT5XTRM-25</b>	25 ft. ....	<b>Discount \$28.49</b>
<b>CAT5XTRM-35</b>	35 ft. ....	<b>Discount \$34.64</b>
<b>CAT5XTRM-50</b>	50 ft. ....	<b>Discount \$35.49</b>
<b>CAT5XTRM-75</b>	75 ft. ....	<b>Discount \$58.95</b>
<b>CAT5XTRM-100</b>	100 ft. ....	<b>Discount \$74.49</b>
<b>CAT5XTRM-150</b>	150 ft. ....	<b>Discount \$94.49</b>
<b>CAT5XTRM-200</b>	200 ft. ....	<b>Discount \$135.49</b>



### PLATINUM TOOLS E-Z RJ45 Connectors

Simplifies terminations by allowing the wires to be inserted through the connector and out the front - allowing easy verification of proper wiring. Furthermore, electrical performance of the termination is optimized by pulling the connector down over the cable jacket and seating it tightly in the rear of the connector. Manufactured in the USA.

<b>PLAT-EZ5-50</b>	Cat5/5e 50 Pack Clamshell.....	<b>Discount \$28.12</b>
<b>PLAT-100003B</b>	Cat5/5e 100 Piece Box.....	<b>Discount \$55.21</b>
<b>PLAT-EZ5-100J</b>	Cat5/5e 100 Jar Pack.....	<b>Discount \$55.21</b>
<b>PLAT-100020</b>	Shielded Cat5/5e 50 Pack .....	<b>Discount \$67.92</b>
<b>PLAT-100021C</b>	Shielded Cat5/5e 10 Pack .....	<b>Discount \$16.07</b>
<b>PLAT-EZ6-50</b>	CAT6 50 Pack .....	<b>Discount \$31.77</b>
<b>PLAT-202010J</b>	CAT6 100 Pack .....	<b>Discount \$62.26</b>
<b>PLAT-202016J</b>	CAT6+ 50 Pack with Strain Relief .....	<b>Discount \$43.26</b>
<b>PLAT-100054C</b>	Pro Crimp Tool w/Tip Cutter .....	<b>Discount \$76.49</b>

### RJ45 Modular Plugs



High quality shielded 8P8C modular plugs for use with industry standard crimp tools. Feature phosphor bronze with selective gold plating in contact area. For round solid conductor category 6 and 5e cable. Package of 50.

<b>ECL702-022</b>	• <b>Discount \$10.30 / pk. 5+:</b> \$9.99 / pk.
<b>TN-CAT6MP</b>	• CAT6 Plug • <b>\$0.34</b>



**NEUTRIK**

# STAR-QUAD CABLES



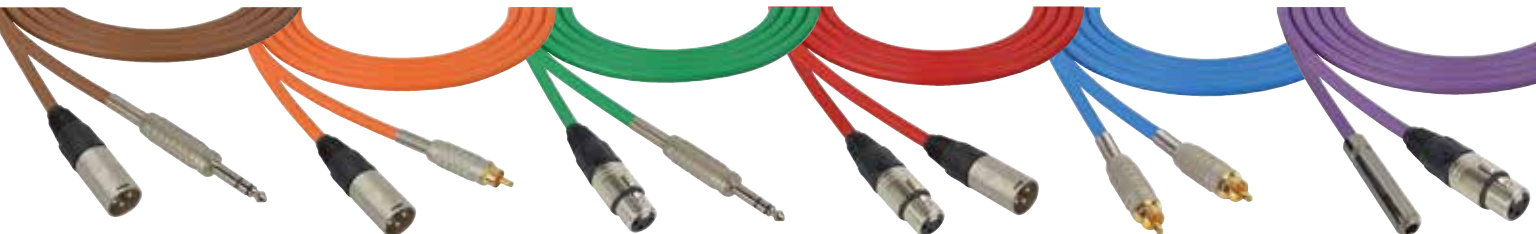
## GANARE<sup>®</sup> L-4E6S

Available in 10 beautiful matte finish color jackets!



The premier Star Quad cable for all handheld microphone applications. Flexible, satin smooth to the touch and extra strong, this standard diameter, 21 AWG cable fits perfectly in all XLR-type audio connectors. Forty separate strands in each conductor eliminate breakage due to flexing.

by **SESCOM<sup>®</sup>**



Cables supplied in Black. Available COLOR CODES: BE = Blue; BN = Brown; GN = Green; GY = Gray; OE = Orange; PE = Purple; RD = Red; WE = White; YW = Yellow.

### Sescom XLR Male to Female

Part#	Length	1-4	5+
SC1.5XXJ	1.5'	\$15.99	\$15.19
SC3XXJ	3'	\$16.99	\$16.14
SC6XXJ	6'	\$17.99	\$17.09
SC10XXJ	10'	\$18.99	\$18.04
SC15XXJ	15'	\$19.99	\$18.99
SC25XXJ	25'	\$26.99	\$25.64
SC50XXJ	50'	\$39.99	\$37.99
SC75XXJ	75'	\$59.99	\$56.99
SC100XXJ	100'	\$79.99	\$75.99

### Sescom XLR Female to Balanced (TRS) 1/4" Phone Male

Part#	Length	1-4	5+
SC1.5XJSZ	1.5'	\$15.99	\$15.19
SC3XJSZ	3'	\$16.99	\$16.14
SC6XJSZ	6'	\$17.99	\$17.09
SC10XJSZ	10'	\$18.99	\$18.04
SC15XJSZ	15'	\$19.99	\$18.99
SC25XJSZ	25'	\$26.99	\$25.64
SC50XJSZ	50'	\$39.99	\$37.99

### Sescom XLR Male to 3.5mm Female

Part#	Length	1-4	5+
SC1.5XMJ	1.5'	\$15.99	\$15.19
SC3XMJ	3'	\$16.99	\$16.14
SC6XMJ	6'	\$17.99	\$17.09
SC10XMJ	10'	\$18.99	\$18.04
SC15XMJ	15'	\$19.99	\$18.99
SC25XMJ	25'	\$26.99	\$25.64
SC50XMJ	50'	\$39.99	\$37.99
SC100XMJ	100'	\$79.99	\$75.99

### Sescom RCA Male to Male

Part#	Length	1-4	5+
SC1.5RR	1.5'	\$15.99	\$15.19
SC3RR	3'	\$16.99	\$16.14
SC6RR	6'	\$17.99	\$17.09
SC10RR	10'	\$18.99	\$18.04
SC15RR	15'	\$19.99	\$18.99
SC25RR	25'	\$26.99	\$25.64
SC50RR	50'	\$39.99	\$37.99

### Sescom 1/4" Male to Male

Part#	Length	1-4	5+
SC1.5SS	1.5'	\$15.99	\$15.19
SC3SS	3'	\$16.99	\$16.14
SC6SS	6'	\$17.99	\$17.09
SC10SS	10'	\$18.99	\$18.04
SC15SS	15'	\$19.99	\$18.99
SC25SS	25'	\$26.99	\$25.64
SC50SS	50'	\$39.99	\$37.99
SC100SS	100'	\$79.99	\$75.99

### Sescom XLR Male to RCA Male

Part#	Length	1-4	5+
SC1.5XR	1.5'	\$15.99	\$15.19
SC3XR	3'	\$16.99	\$16.14
SC6XR	6'	\$17.99	\$17.09
SC10XR	10'	\$18.99	\$18.04
SC15XR	15'	\$19.99	\$18.99
SC25XR	25'	\$26.99	\$25.64
SC50XR	50'	\$39.99	\$37.99
SC100XR	100'	\$79.99	\$75.99

### Sescom XLR Female to 1/4" Female

Part#	Length	1-4	5+
SC1.5XJSJ	1.5'	\$15.99	\$15.19
SC3XJSJ	3'	\$16.99	\$16.14
SC6XJSJ	6'	\$17.99	\$17.09
SC10XJSJ	10'	\$18.99	\$18.04
SC15XJSJ	15'	\$19.99	\$18.99
SC25XJSJ	25'	\$26.99	\$25.64
SC50XJSJ	50'	\$39.99	\$37.99

### Sescom 1/4" Male to Male Balanced (TRS) Both Ends

Part#	Length	1-4	5+
SC1.5SZSZ	1.5'	\$15.99	\$15.19
SC3SZSZ	3'	\$16.99	\$16.14
SC6SZSZ	6'	\$17.99	\$17.09
SC10SZSZ	10'	\$18.99	\$18.04
SC15SZSZ	15'	\$19.99	\$18.99
SC25SZSZ	25'	\$26.99	\$25.64
SC50SZSZ	50'	\$39.99	\$37.99

### Sescom XLR Male to Balanced (TRS) 1/4" Phone Male

Part#	Length	1-4	5+
SC1.5XSZ	1.5'	\$15.99	\$15.19
SC3XSZ	3'	\$16.99	\$16.14
SC6XSZ	6'	\$17.99	\$17.09
SC10XSZ	10'	\$18.99	\$18.04
SC15XSZ	15'	\$19.99	\$18.99
SC25XSZ	25'	\$26.99	\$25.64
SC50XSZ	50'	\$39.99	\$37.99
SC100XSZ	100'	\$79.99	\$75.99



### Belden 1694A RG6 Precision Digital Video Coax SDI/HDTV Applications

19 AWG Stranded (7x27) .040" Bare Compacted Copper\* • Double Tinned Copper Braid Shield • 0.274" O.D. • 75Ω nominal impedance



- BL-1694A\* Per Foot ..... **Discount \$0.64**
  - BL-1694A-500\* 500 Foot Roll ..... **Discount \$272.50**
  - BL-1694A-1000\* 1000 Foot ..... **Discount \$539.35**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



### Belden 1505A RG59 Precision Digital Video Coax SDI/HDTV Applications

20 AWG solid 0.032" bare copper conductor, gas-injected foam HDPE insulation • Duofoil + tinned copper braid shield (95% coverage) • PVC jacket • 75Ω nominal impedance



- BL-1505A\* Per Foot ..... **Discount \$0.52**
  - BL-1505A-500\* 500 Foot Roll ..... **Discount \$238.04**
  - BL-1505A-1000\* 1000 Foot ..... **Discount \$443.92**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



### Belden 1855A Sub-Miniature Precision Digital Video Coax SDI/HDTV Applications

23 AWG solid 0.023" bare copper conductor • Gas-injected foam HDPE insulation • Duofoil + tinned copper braid shield (95% coverage) • PVC jacket • 0.159" O.D. • 75Ω impedance



- BL-1855A\* Per Foot ..... **Discount \$0.50**
  - BL-1855A-500\* 500 Foot Roll ..... **Discount \$227.97**
  - BL-1855A-1000\* 1000 Foot Roll ..... **Discount \$425.14**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



### Canare L-4CFB 75Ω SDI RG59 Coaxial Cable

Canare 75Ω precision digital video cables, offers the professional Broadcaster a high performance, 100% Sweep Tested, low cost, low loss coax that meets the Serial Digital Video demands of HDTV studios. #20 AWG with AL Foil 100% TAC Braid >93%. 0.24" O.D.

- L-4CFB\* Per Foot ..... **Discount \$0.38**
  - L-4CFBKB-984\* 984 Foot Roll ..... **Discount \$322.13**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Purple, White, Yellow

### Gepeco High Definition 4.5GHz SDI 75Ω Coaxial Video Cable



The Gepeco® Brand high-definition video coax series has been engineered to feature a 4.5 GHz bandwidth (for HDTV transmission), a gas-injected foam dielectric, lower attenuation,

more RG types, excellent crush resistance, easy termination and a flexible jacket. Conductive elements consist of a stranded or precision-drawn solid copper center conductor and either a 92% or 95% braid with 100% foil shield for complete broadband shielding. The series contains a wide range of sizes to accommodate short-distance rack wiring or extended-distance point-to-point interconnect.

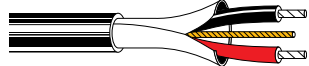
- VPM2000-500 RG59, 20 AWG Solid, 500 Foot Roll ..... **Discount \$142.40**
  - VPM2000-1000\* RG59, 20 AWG Solid, 1,000 Foot Roll ..... **Discount \$277.89**
  - VSD2001-500BK RG6, 18 AWG, 500 Foot Roll ..... **Discount \$189.85**
  - VSD2001-1000\* RG6, 18 AWG Solid, 1,000 Foot Roll ..... **Discount \$369.95**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



### Belden 4794R 12GHz RG7 Coax

4K UHD Precision Cox • 75 Ohm • 16 AWG solid silver plated copper center conductor • New high-performance dielectric • Foil bonded to core • 95% tinned copper braid made on our Belden "super-braiders" to reduce high frequency spikes (the highest shield effectiveness ever made by Belden)

- BL-4794R-1000BK 1000 Foot Roll, Black ..... **Discount \$1489.90**
- Use BL-1794ABHD1 BNC Compression Connector



### Belden 9451 Multi-Conductor Single-Pair Audio Cable

22 AWG stranded (7x30) TC conductors • Polypropylene insulation • Twisted pair • Overall Beldfoil shield (100% coverage) • 22 AWG stranded TC drain wire • PVC jacket

- BL-9451\* Per Foot ..... **Discount \$0.25**
  - BL-9451-500\* 500 Foot Roll ..... **Discount \$129.95**
  - BL-9451-1000\* 1000 Foot Roll ..... **Discount \$219.95**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



### Canare L-4E6S Star Quad Microphone Cable

The premier Star Quad cable for all handheld mic applications. Flexible, satin smooth to the touch & extra strong, this 21 AWG cable fits perfectly in all XLR connectors. 40 separate strands in each conductor eliminate breakage due to flexing. Available in 10 beautiful matte finish color jackets.

- L-4E6S\* Per Foot ..... **Discount \$0.54**
  - L-4E6SBK-656\* 500 Foot Roll ..... **Discount \$303.97**
  - L-4E6SBK-1000\* 1000 Foot Roll ..... **Discount \$463.60**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Purple, White, Yellow



### Gepeco M1042 20 AWG Mic Cable

Features oversized heavy-duty construction with an extra-tough jacket, full-coverage braid, thick insulation wall & large 20 AWG conductors. Mutual capacitance is lower than typical microphone cable to reduce the high frequency roll-off that occurs in long runs of mic level signals. Ideal for sound reinforcement and remote production in hostile environments.

AWG	O.D.	Insulation	Shield	Jacket	Weight	M1042-1000
20 (26x34)	.255"	PE .020"	95% TC Braid	PVC	40 Lbs. Per M	1000' Roll
						<b>Discount \$485.25</b>



### Gepeco 61801EZ Mic/Line Cable

100% Foil (Bonded) balanced audio cable for permanent installation. Stranded tinned-copper conductors are easy to solder or punch-down. A high-grade polyethylene dielectric is used to minimize high frequency attenuation, while excellent process control and tight pair twisting achieves superior noise rejection. Foil shield with same gage drain wire facilitates quick shield termination. Twenty-two gage conductors offer the lowest DCR available in any Gepeco single-pair product. Ideal for punch-down, rack wiring, and extended distance runs of mic level.

- 61801EZ\* Per Foot ..... **Discount \$0.27**
  - 61801EZ-500\* 500 Foot Roll ..... **Discount \$79.99**
  - 61801EZ-1000\* 1000 Foot Roll ..... **Discount \$149.99**
  - 61801HS-1000\* 1000 Foot Roll, Plenum ..... **Discount \$299.95**
- \*Available in Black, Blue, Brown, Green, Gray, Orange, Red, Violet, White, Yellow



# BNC CONNECTORS



## Kings® 2065 Series 75Ω HD Digital BNCs

KINGS® 2065 series true 75Ω Broadcast BNC connectors meets the broadcast industry's HD requirements. DC to 3 GHz. They are designed to terminate the most commonly utilized coaxial cables in the broadcast industry and meet the industry's stringent HDTV standards. These connectors feature a full crimp design and are field installable with Kings crimp tools.



**KINGS®**  
Authorized Broadcast Distributor

Model	Fits Cable	Each	100+	1,000+
2065-2-9	Belden 1505A, 1506A; Gepco VPM2000	\$1.74	\$1.64	\$1.54
2065-10-9	Belden 1694A, 9248; Gepco VSD2001	\$1.74	\$1.64	\$1.54
2065-11-9	Belden 1855A, 1865A; Gepco VDM230	\$1.74	\$1.64	\$1.54

## Belden 1-Piece Compression 4K Broadcast BNC Connectors

Belden introduces the new 1-Piece HD Brilliance BNC Compression Connector. This 1-piece connector offers faster, more consistent field installation with the same excellent signal quality and performance as traditional 3-piece connectors. Specifically designed for use with Brilliance cable, creating the perfect connector-to-cable combination. 360° compression rings deliver superior pull strength exceeding 100 pounds. **Durability:** 500 Cycles Minimum Electrical Properties. **Return Loss:** <-22dB to -32dB (1 GHz to 4.5 GHz). **Voltage Rating:** 500VRMS. **Insulation Resistance:** > 5000 Megaohms at 100 Vdc. **True 75Ω Performance.**



**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

Model	Fits Cable	Each
BL-1505ABHD1	1505A & RG59	\$2.09
BL-1694ABHD1	1694A & RG6	\$2.53
BL-1855ABHD1	1855A 22-24 AWG	\$2.74
BL-1794ABHD1	1794A & RG7	\$2.33

## Canare BNC 3-Piece Crimp Connectors

HD Ready - SMPTE 259M /292M DC to 2.0. SMPTE 259M & 292M Compliant for Serial Digital Video, HDTV Upgrades, NTSC Analog Satellite Headends & More. True 75Ω construction Crimp Pin & Sleeve High performance of 1.1 or less VSWR up to 2GHz.



**CANARE**

Model	For Canare	For Belden	Crimp Die	Each	25+	100+
BCP-B4F	L-4CFB, S-4CFB & L-4CHD	1505A,	TCD-4C	\$2.49	\$2.42	\$2.34
BCP-B5F	L-5CFB	N/A	TCD-5CF	\$2.49	\$2.42	\$2.34
BCP-B26	N/A	1855A	TCD-35CA	\$2.71	\$2.63	\$2.55
CNR-BCP-B53	N/A	1694A	TCD-35CA	\$2.59	\$2.51	\$2.44

## ADC by TE Connectivity 3GHz BNC Connectors

The ADC line of connectors is designed to simplify installation while providing the ultimate in performance. All ADC connectors also use the same strip dimensions to reduce installation time when multiple connector types are required. Exclusive **notched design** has a visual indication at the 12:00 position for visual confirmation that the BNC is locked into position when used with a TE video jackfield.



Authorized Broadcast Distributor

### Notched Series BNC

Part #	Fits Cable:	Each	50+
TE-BNC-1-N	Belden 1505; Gepco VPM2000	\$2.99	\$2.90
TE-BNC-8-N	Belden 1694, 9248; Gepco VSD2001	\$2.99	\$2.90
TE-BNC-13-N	Belden 1855; Gepco VDM230	\$2.49	\$2.42

## Connectronics 4GHz 75Ω Digital BNCs

Nickel Over Brass Construction for Longevity & Reliability • Military Spec Design MIL-C 39012 • Gold Plated Center pin offers corrosion resistance • Crimps tight every time for superior cable pull strength • VSWR DC - 4 GHz.



America's Best Digital Connector Value!

Model	Fits Canare	Fits Belden	Fits Gepco	Each	25+	100+
BNC-1505	L-4CFB	1505A, 1426A	VPM2000	\$1.69	\$1.62	\$1.56
BNC-1694	L-5CFB	1694A, 9248	VSD2001	\$1.85	\$1.77	\$1.70
BNC-1855	N/A	1855A		\$1.80	\$1.73	\$1.66



## Neutrik 8K RearTWIST UHD BNC Connectors for Belden



The rearTWIST UHD BNC connectors are specifically designed for high resolution video signal transmissions. The UHD series features an optimized insulator design and reduced crimp diameter from center pin to achieve increased headroom when compared to conventional BNCs. It offers additional return loss reserve for potential impedance deviations resulting from cable bending, incorrect connector assembly or faulty connection interfaces without signal interruption.

**NBNC75BDD6X** • Fits Belden 1855A  
**Discount \$2.69 25+ \$2.61 50+ \$2.53**

**NBNC75BLP9X** • Fits Belden 1505A  
**Discount \$2.69 25+ \$2.61 50+ \$2.53**

**NBNC75BJP9X** • Fits Belden 1505F  
**Discount \$2.69 25+ \$2.61 50+ \$2.53**

**NBNC75BTUP11X** • Fits Belden 1694A, Gepco VSD2001 (Paladin Crimpers)  
**Discount \$2.69 25+ \$2.61 50+ \$2.54**

**NBNC75BTU11X** • Belden 1694A, Gepco VSD2001 (Neutrik Crimpers)  
**Discount \$2.69 25+ \$2.61 50+ \$2.53**

## Neutrik NBB75DFGX UHD BNC Chassis Connector

Optimized gold plated cage type center contact for UHD signals as 4K or 8K. Swiss black chrome plating. Grounded panel mount. Standard D-shape housing provides flush mounting and protection from damage. Color coding possible. Fully compatible with conventional BNC cable connectors



**NBB75DFGX** • **Discount \$8.49**

## Canare Crimp Tools

TC1 crimp tool has adjustable scissor ratchet action that is designed for rapid die movement. Minimum 50,000 cycle times. High quality Swedish Steel. Maximum crimp force is 2,250 pounds.



**TC1** • Crimp tool frame ..... **Discount \$97.99**

### Die Sets

**TC-D-35C** ..... **Discount \$110.88**

**TC-D-4C** ..... **Discount \$86.03**

**TC-D-5CF** ..... **Discount \$82.21**



## EXCLUSIVE NICKEL OVER BRASS DESIGN!

• Non Corrosive • Better Conductivity • Longer Lasting

Why buy cheap imports that don't stand up to the daily rigors of field & studio abuse when Markertek offers a better connector at a better price!

### TECNEC® Video Adapters

<p><b>BF-T</b></p> <p>BNC Female to Female to Female (T). \$4.49 Ea. • 25+ \$4.04 100+ \$3.84</p>	<p><b>B-BFRA</b></p> <p>BNC Female to BNC Male Right Angle. \$4.49 Ea. • 25+ \$4.04 100+ \$3.84</p>
<p><b>B-PF</b></p> <p>BNC Male to Phono (RCA) Female. \$1.79 Ea. • 25+ \$1.61 100+ \$1.53</p>	<p><b>B-FJ</b></p> <p>BNC Male to F Female. \$2.09 Ea. • 25+ \$1.88 100+ \$1.79</p>
<p><b>PF-PF</b></p> <p>Phono (RCA) Female to Female Barrel. \$1.29 Ea. • 25+ \$1.16 100+ \$1.10</p>	<p><b>BM-P</b></p> <p>50Ω BNC Male to RCA Male. \$1.99 Ea. • 25+ \$1.89 100+ \$1.79</p>

<p><b>BM-BM</b></p> <p>BNC Male to BNC Male Barrel. \$3.99 Ea. • 25+ \$3.59 100+ \$3.41</p>	<p><b>BF-BF</b></p> <p>BNC Female to BNC Female Barrel. \$2.69 Ea. • 25+ \$2.42 100+ \$2.30</p>	<p><b>B-2BF</b></p> <p>BNC Male to 2 BNC Females (T). \$4.49 Ea. • 25+ \$4.04 100+ \$3.84</p>
<p><b>PF-PFCM</b></p> <p>Phono (RCA) Female to Female Chassis Mount. \$2.39 Ea. • 25+ \$2.19 100+ \$1.99</p>	<p><b>P-BF</b></p> <p>Phono (RCA) Male to BNC Female. \$1.99 Ea. • 25+ \$1.79 100+ \$1.70</p>	<p><b>P-FJ</b></p> <p>Phono (RCA) Male to F Female. \$1.79 Ea. • 25+ \$1.61 100+ \$1.53</p>
<p><b>F-FJ</b></p> <p>F Female to Push-On F Male. \$0.89 Ea. • 25+ \$0.80 100+ \$0.76</p>	<p><b>F-BF</b></p> <p>F Male to BNC Female. \$2.49 Ea. • 25+ \$2.24 100+ \$2.13</p>	<p><b>F-PF</b></p> <p>F Male to Phono (RCA) Female. \$1.79 Ea. • 25+ \$1.61 100+ \$1.53</p>

### Audio Adapters Switchcraft

Switchcraft Adapter Models In Parenthesis - Prices May Vary



<p> <b>NA2MPMF (AA324)</b></p> <p>Phono (RCA) Female to XLR Male. 1-3: \$9.03 • 4+: \$8.76</p>	<p> <b>NA3MP (AA387)</b></p> <p>1/4" Phono Male to XLR Male. \$11.05 Ea. • 4+: \$10.71</p>	<p> <b>NA3FF (AA389)</b></p> <p>XLR Female to XLR Female (Barrel). 1-3: \$9.32 • 4+: \$9.04</p>	<p> <b>NA3FP (AA386)</b></p> <p>1/4" Phono Male to XLR Female. 1-3: \$11.15 • 4+: \$10.82</p>	<p> <b>NA2MPMM (AA323)</b></p> <p>Phono (RCA) Male to XLR Male. 1-3: \$9.46 • 4+: \$9.18</p>
<p> <b>NA2FPMF (AA322)</b></p> <p>XLR Female to Phono (RCA) Female. 1-3: \$8.98 • 4+: \$8.72</p>	<p> <b>NA2FPMM (AA321)</b></p> <p>Phono (RCA) Male to XLR Female. \$11.15 Ea. • 4+: \$10.82</p>	<p> <b>NA3FJ (AA383)</b></p> <p>XLR Female to 1/4" Phono Female. 1-3: \$10.17 • 4+: \$9.86</p>	<p> <b>NA3MJ (AA384)</b></p> <p>XLR Male to 1/4" Phono Female. 1-3: \$9.77 • 4+: \$9.48</p>	<p> <b>NA3MM (AA390)</b></p> <p>XLR Male to XLR Male (Barrel). 1-3 \$8.78 • 4+ \$8.52</p>
<p> <b>NA2MBNC</b></p> <p>XLR Male to BNC Female. 1-3 \$12.12 • 4+ \$11.76</p>	<p> <b>NA2FBNC</b></p> <p>XLR Female to BNC Female. 1-3 \$13.83 • 4+ \$13.42</p>	<p> <b>NA3M5F</b></p> <p>3-Pin XLR Male to 5-Pin XLR Female. 1-3 \$12.72 • 4+ \$12.34</p>	<p><b>35-581</b></p> <p>3.5mm Stereo Female to Female Barrel 1-2: \$2.29 • 3+: \$1.79 25+: \$1.65</p>	<p><b>SP-PF</b></p> <p>1/4" Phono Male to Phono (RCA) Female. \$1.49 Ea. • 25+: \$1.34 100+: \$1.27</p>
<p><b>PF-T</b></p> <p>Phono (RCA) Female to 2 Phono Females (T). \$1.79 Ea. • 25+: \$1.61 100+: \$1.53</p>	<p><b>MF-MF</b></p> <p>Mini Phone Female to Female Barrel (Stereo). \$1.79 Ea. • 25+: \$1.61 100+: \$1.53</p>	<p><b>M-PF</b></p> <p>Mini Phone Male to Phono (RCA) Female. \$1.39 Ea. • 25+: \$1.25 100+: \$1.19</p>	<p><b>M-SPF</b></p> <p>Mini Phone Male to 1/4" Phono Female. \$1.79 Ea. • 25+: \$1.61 100+: \$1.53</p>	<p><b>MPS-2MFS</b></p> <p>3.5mm Stereo Plug to Two 3.5 Stereo Jacks \$2.69 Ea. • 25+: \$2.42 100+: \$2.30</p>
<p><b>P-MF</b></p> <p>Phono (RCA) Male to Mini Phone Female. \$1.79 Ea. • 25+: \$1.61 100+: \$1.53</p>	<p><b>AA219</b></p> <p>3.5mm Stereo Jack to 1/4" Stereo Plug \$1.69 Ea. • 25+: \$1.49 100+: \$1.39</p>	<p><b>MPS-SPF-S</b></p> <p>1/4" Stereo Female to 3.5mm Stereo Male \$1.79 Ea. • 25+: \$1.61 100+: \$1.53</p>	<p><b>SP-MF</b></p> <p>1/4" Phono Male to Mini-Phone Female. \$1.79 Ea. • 25+: \$1.61 100+: \$1.53</p>	<p><b>PF-PM/RA</b></p> <p>RCA Female to Right Angle RCA Male. \$3.85 Ea. • 25+: \$3.49 100+: \$3.00</p>

# XLR CONNECTORS



Neutrik X series XLR connectors feature 360 degree chuck strain relief, nickel shell, & easy to assemble.

### 3-Pin Nickel Shell / Silver Contacts

<b>NC3FX</b>	Female	\$3.08 Ea.	• 25+ \$2.98 • 100+ \$2.90
<b>NC3MX</b>	Male	\$2.68 Ea.	• 25+ \$2.60 • 100+ \$2.52

### 3-Pin Black Shell / Silver Contacts

<b>NC3FX-BAG</b>	Female	\$3.58 Ea.	• 25+ \$3.48 • 100+ \$3.37
<b>NC3MX-BAG</b>	Male	\$3.32 Ea.	• 25+ \$3.22 • 100+ \$3.13

### 3-Pin Black Shell / Gold Contacts

<b>NC3FX-B</b>	Female	\$4.38 Ea.	• 25+ \$4.25 • 100+ \$4.13
<b>NC3MX-B</b>	Male	\$3.92 Ea.	• 25+ \$3.81 • 100+ \$3.69

### 3-Pin Nickel Shell / Silver Contacts with On/Off Switch

<b>NC3FX-S</b>	Female	\$9.88 Ea.	• 25+ \$9.58 • 100+ \$9.29
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### 4-Pin Nickel Shell / Silver Contacts

<b>NC4FX</b>	Female	\$5.02 Ea.	• 25+ \$4.86 • 100+ \$4.72
<b>NC4MX</b>	Male	\$3.83 Ea.	• 25+ \$3.72 • 100+ \$3.60

### 4-Pin Black Shell / Gold Contacts

<b>NC4FX-B</b>	Female	\$6.29 Ea.	• 25+ \$6.10 • 100+ \$5.92
<b>NC4MX-B</b>	Male	\$4.83 Ea.	• 25+ \$4.69 • 100+ \$4.55

### 5-Pin Nickel Shell / Silver Contacts

<b>NC5FX</b>	Female	\$6.49 Ea.	• 25+ \$6.30 • 100+ \$6.11
<b>NC5MX</b>	Male	\$4.75 Ea.	• 25+ \$4.61 • 100+ \$4.47

### 5-Pin Black Shell / Gold Contacts

<b>NC5FX-B</b>	Female	\$8.03 Ea.	• 25+ \$7.79 • 100+ \$7.56
<b>NC5MX-B</b>	Male	\$5.92 Ea.	• 25+ \$5.75 • 100+ \$5.57

Neutrik D series feature same hole punchouts for both male & female, latch release on female, front or rear panel mounting.

### 3-Pin Nickel Shell / Silver Contacts

<b>NC3FD-L-1</b>	Female	\$2.88 Ea.	• 25+ \$2.79 • 100+ \$2.71
<b>NC3MD-L-1</b>	Male	\$2.71 Ea.	• 25+ \$2.63 • 100+ \$2.55

### 3-Pin Black Shell / Gold Contacts

<b>NC3FD-L-1-B</b>	Female	\$3.63 Ea.	• 25+ \$3.52 • 100+ \$3.42
<b>NC3MD-L-1-B</b>	Male	\$3.49 Ea.	• 25+ \$3.39 • 100+ \$3.29

### 4-Pin Black Shell / Gold Contacts

<b>NC4FDL-1-B</b>	Female	\$6.45 Ea.	• 25+ \$6.25 • 100+ \$6.07
<b>NC4MDL-1-B</b>	Male	\$4.55 Ea.	• 25+ \$4.42 • 100+ \$4.28

### 5-Pin Black Shell / Gold Contacts

<b>NC5FDL-1-B</b>	Female	\$10.15 Ea.	• 25+ \$9.85 • 100+ \$9.55
<b>NC5MDL-1-B</b>	Male	\$8.02 Ea.	• 25+ \$7.77 • 100+ \$7.54

Neutrik P series feature latch release on female, compatible with Switchcraft D series, and crimped insert vibration protection.

### 3-Pin Nickel Shell / Silver Contacts

<b>NC3FP-1</b>	Female	\$3.06 Ea.	• 25+ \$2.97 • 100+ \$2.88
<b>NC3MP</b>	Male	\$2.97 Ea.	• 25+ \$2.88 • 100+ \$2.79

### 3-Pin Black Shell / Gold Contacts

<b>NC3FP-1-B</b>	Female	\$3.83 Ea.	• 25+ \$3.72 • 100+ \$3.60
<b>NC3MP-B</b>	Male	\$3.71 Ea.	• 25+ \$3.60 • 100+ \$3.49

### 3-Pole XLR Female / 1/4" Stereo Combo Jacks

Combined XLR receptacle and phone jack. Saves racks space by combining 2 connectors in one housing. Hard wire soldering cups. Full normalised. Stereo or mono version.

<b>NCJ5FI-S</b>	• 3-Pin XLR-F & 1/4" mono jack without normalising	• \$2.49
<b>NCJ6FI-S</b>	• 3-Pin XLR-F with 1/4" stereo jack without normalising	• \$3.07
<b>NCJ6FA-H</b>	• 3-Pin XLR-F with 1/4" stereo jack, horizontal PCB mount	• \$1.66



### Neutrik XX Series XLRs

The next generation of the worldwide accepted standard with a rugged diecast shell & sleek, ergonomic design. Female connectors have cage type contacts, "solder stop" for easy soldering and additional ground contact for best contact integrity between chassis and cable connector. Male connector without locking "window."



<b>NC3FXX</b>	3-Pin Female. Nickel housing and silver contacts	\$2.77 • 50+: \$2.69
<b>NC3FXX-B</b>	3-Pin Female. Black housing and gold contacts	\$4.02 • 50+: \$3.89
<b>NC3FXX-BAG</b>	3-Pin Female. Black housing and silver contacts	\$3.20 • 50+: \$3.10
<b>NC3MXX</b>	3-Pin Male. Nickel housing and silver contacts	\$2.51 • 50+: \$2.43
<b>NC3MXX-B</b>	3-Pin Male. Black housing and gold contacts	\$3.52 • 50+: \$3.42
<b>NC3MXX-BAG</b>	3-Pin Male. Black housing and silver contacts	\$3.02 • 50+: \$2.92

### Neutrik HA Crimp Series XLR Connectors

Crimp termination with standard B-crimp tool • Gastight and Solderless connection (RoHS compliant) • Easy to assemble and improves contact integrity as well cable strain relief over original Neutrik X Series connectors



<b>NC3FXX-HA</b>	3-Pin Female XLR Cable End, Silver	Discount \$2.92
<b>NC3FXX-HA-BAG</b>	3-Pin Female XLR Cable End, Black	Discount \$3.28
<b>NC3MXX-HA</b>	3-Pin Male XLR Cable End, Silver	Discount \$2.60
<b>NC3MXX-HA-BAG</b>	3-Pin Male XLR Cable End, Black	Discount \$3.03

### Neutrik RX Series 3-Pin Right Angle XLRs

<b>NC3MRX</b>	Male, Nickel & silver	\$7.22 • 10+: \$7.00
<b>NC3MRX-B</b>	Male, Black & gold	\$7.85 • 10+: \$7.61
<b>NC3MRX-BAG</b>	Male, Black & silver	\$7.32 • 10+: \$7.10
<b>NC3FRX</b>	Female, Nickel & silver	\$7.25 • 10+: \$7.03
<b>NC3FRX-B</b>	Female, Black & gold contacts	\$8.82 • 10+: \$8.55
<b>NC3FRX-BAG</b>	Female, Black & silver contacts	\$7.52 • 10+: \$7.30

### Neutrik D Series XLR Panel Mount Feedthrus

<b>NA3FDM</b>	• Female Front, Male Rear	• \$7.69 • 10+: \$7.46
<b>NA3MDF</b>	• Male Front, Female Rear	• \$7.31 • 10+: \$7.09



### Neutrik C Series Boots / XX Series Bushings

#### C Series Boots

<b>BSP-*</b>	• \$0.70
<b>*ADD COLOR CODING:</b>	
BL - Blue	BR - Brown
GR - Grey	GN - Green
RD - Red	O - Orange
Y - Yellow	V - Violet
W - White	

<b>XX Series Bushings</b>	
<b>BXX-*</b>	• \$0.85
<b>*ADD COLOR CODING:</b>	
BK - Black	BL - Blue
RD - Red	OR - Orange
YW - Yellow	GR - Green
VT - Violet	WE - White
BN - Brown	GY - Grey

#### XX Series Boots

<b>NT-BSX-*</b>	• \$0.78
<b>*ADD COLOR CODING:</b>	
BK - Black	BE - Blue
RD - Red	OE - Orange
YW - Yellow	GN - Green
VT - Violet	WE - White
BN - Brown	GY - Grey

### Neutrik Water Resistant XLR Connectors



Heavy duty XLR cable connector for outdoor use. All metal design, dust and water protected according to IP 65 by mating with related XX-HD cable connector or MPR-HD chassis connector. Gold contacts standard.



<b>NC3MX-HD</b>	3-Pin Stainless Steel Male XLR with metal boot	\$8.51 Ea.
<b>NC3FX-HD</b>	3-Pin Female XLR, metal boot with rubber jacket	\$8.09 Ea.
<b>NC3FXX-HD-D</b>	XX Series 3-Pin Female XLR	\$7.54 Ea.
<b>NC3MXX-HD-D</b>	XX Series 3-Pin Male XLR	\$7.54 Ea.

### Military Gauge 1/4" & TT Plugs

<b>NP3TB-B</b>	Black Phone Patch Plug	\$6.12 Ea. • 25+ \$5.94 • 100+ \$5.76
<b>NP3TB-R</b>	Red Phone Patch Plug	\$6.12 Ea. • 25+ \$5.94 • 100+ \$5.76
<b>RCA PROFII CONNECTOR</b>		
<b>NF2CB-2</b>	Pair of two (black & red) housing, gold contacts	\$17.37



**World's Best Gaffers Tape**



**Rip it... Rip it Good!**

**21 COLORS IN STOCK!**



**12 Yard Handy Gaffer**

World's Best Gaffers Tape is now available in handy 12 yard x 1" Wide rolls!

<b>BGT1-12</b>	Black .....	<b>Discount \$4.95</b>
<b>SGT1-12</b>	Silver .....	<b>Discount \$4.95</b>
<b>WGT1-12</b>	White .....	<b>Discount \$4.95</b>
<b>GT1-12-4PK</b>	4 Pack .....	<b>Discount \$12.95</b>

**Fluorescent Gaffer Tape**

Super Visibility! Great for cable & equipment identification. 50 yard rolls.

<b>FOGT1-50</b>	1" Fluorescent Orange .....	<b>\$9.99</b>
<b>FOGT-50</b>	2" Fluorescent Orange .....	<b>\$18.99</b>
<b>FPGT1-50</b>	1" Fluorescent Pink .....	<b>\$9.99</b>
<b>FPGT-50</b>	2" Fluorescent Pink .....	<b>\$18.99</b>
<b>YGT-50</b>	2" Fluorescent Yellow .....	<b>\$18.99</b>
<b>YGT3-50</b>	3" Fluorescent Yellow .....	<b>\$26.99</b>

**Spike Tape**

Industry standard, removable for marking stage positioning of people, props, aisles etc. Tolerates traffic. 1/2" W x 60 yards.



**\$7.49 ea.**

<b>SST-WH</b> ..... White	<b>SST-GY</b> ..... Gray
<b>SST-BK</b> ..... Black	<b>SST-GN</b> ..... Green
<b>SST-RD</b> ..... Red	<b>SST-BN</b> ..... Brown
<b>SST-YW</b> ..... Yellow	

**Carabiner Tape Slings**

**Attention All Grips, Gaffers & Camera Assistants!**

The industry way to carry gaffers, spike & rolls of electrical tape on your belt or equipment. Quality carabiner clip with chrome 'O' ring on a rubberized Canare cable with matching color boots for years of use. Tape not included.

<b>GT-CTS1</b>	1 Foot Loop.....	<b>\$14.95 ea • 3+ \$12.95</b>
<b>GT-CTS2</b>	2 Foot Loop.....	<b>\$15.49 ea • 3+ \$13.49</b>



**This is Not Sales Hype!** TecNec gaffers tape gets rave reviews amongst purists who know the difference. The truth is, this stuff sticks & removes better than anything on the market. The cloth base is firm, yet pliable and tears into precision size pieces when needed. Tons of uses in the studio & field. When it comes to gaffers tape — this stuff is incredible. Use it to tape lights to walls, cables to floors, hold scenery & props together, label feeds, splice cables, position mics, seal road cases, shut up critics, on & on & on... No glare finish. Truly the lifesaver of the audio & video industry. Roll size: 2" x 55 yards.

**2" x 55 Yard Gaffers Tape**

**\$18.99 per roll • 24+ \$17.99 per roll**

<b>BGT-60</b> ..... Black	<b>GGT-60</b> ..... Olive Green
<b>SGT-60</b> ..... Gray	<b>GRGT-60</b> ..... Forest Green
<b>WGT-60</b> ..... White	<b>KYGT-60</b> ..... Kodak Yellow
<b>BLGT-60</b> ..... Blue	<b>LGGT-60</b> ..... Light Green
<b>RGT-60</b> ..... Red	<b>PGT-60</b> ..... Purple
<b>MGT-60</b> ..... Burgundy	<b>TGT-60</b> ..... Teal/Turquoise
<b>CGT-60</b> ..... Chocolate Brown	<b>TNGT-60</b> ..... Tan

**Chroma Key Gaffers**

<b>FGGT-50</b>	Chroma Key Green,
50 Yard Roll	• <b>\$17.99 per roll</b>
<b>EGT-60</b>	Chroma Key Blue,
50 Yard Roll	• <b>\$18.99 per roll</b>



**Camouflage Gaffers**

20 Yard Camouflage

**CFGT-20 • Discount \$13.99**



**Glow in the Dark Gaffers Tape**

Improve visibility and safety with the World's Best Gaffers Tape, now available in Glow-In-The-Dark rolls. The pro gaffers won't be seen without it.

<b>GLOWGT-10</b>	1/2" x 10 Yards.....	<b>Discount \$12.99</b>
<b>GLOWGT1-10</b>	1" x 10 Yards.....	<b>Discount \$13.99</b>
<b>GLOWGT2-10</b>	2" x 10 Yards.....	<b>Discount \$28.99</b>



**3" x 55 Yard Gaffers**

Case Quantity Discounts apply (\$1.00/roll) - 16/Case.

<b>BGT3-60</b>	Black.....	<b>Discount \$23.99</b>
<b>SGT3-60</b>	Gray.....	<b>Discount \$23.99</b>
<b>WGT3-60</b>	White.....	<b>Discount \$23.99</b>

**4" x 55 Yard Gaffers**

Case Quantity Discounts apply (\$1.00/roll) - 12/Case.

<b>BGT4-60</b>	Black.....	<b>Discount \$31.99</b>
<b>SGT4-60</b>	Gray.....	<b>Discount \$31.99</b>
<b>WGT4-60</b>	White.....	<b>Discount \$31.99</b>

**Permacel Tape**

YES! We also stock Permacel brand Gaffers Tape in 2" x 30 yard rolls for those who need it!

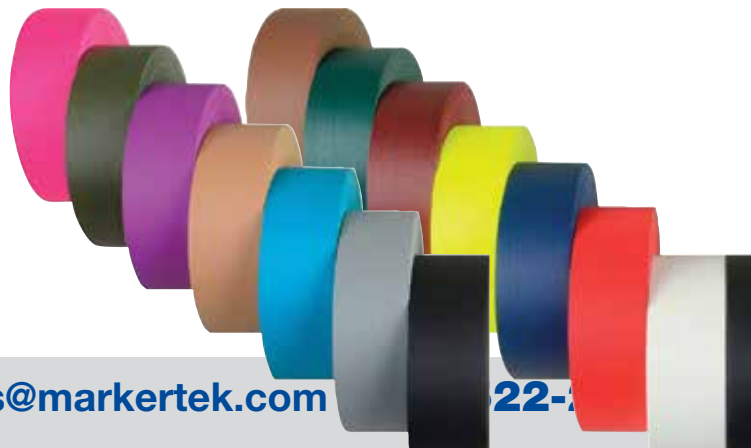
	Per Roll	(24+) per roll
<b>SGP-30</b>	Gray .....	<b>\$14.30</b> ..... <b>\$13.30</b>
<b>BGS-30</b>	Black .....	<b>\$14.30</b> ..... <b>\$13.30</b>

**Double Sided Gaffer**

The double sided version of TecNec's world famous gaffers tape. This stuff sticks & removes better than anything on the market. The cloth base is firm, yet pliable and tears into precision size pieces when needed. Tons of uses in the studio & field to for hanging props, covering cables, label feeds, splice cables, position mics, seal road cases, shut up critics or temporary carpet drops. Truly the lifesaver of the audio & video industry. White.



<b>DSGT-1X25-WE</b>	1" x 25 Yds.....	<b>Discount \$16.99</b>
<b>DSGT-2X25-WE</b>	2" x 25 Yds.....	<b>Discount \$32.99</b>
<b>DSGT-3X25-WE</b>	3" x 25 Yds .....	<b>Discount \$44.99</b>



# CAMPLEX FLEXIBLE FIBER



**Bend-insensitive Fiber** has a flexible core design that enables it to significantly reduce macrobend loss even in the most challenging bend environments.

This makes installation and cable management easier than ever before!



## Complex Bend Insensitive Low Profile SMPTE Fiber Camera Cables

**Bend Insensitive Fiber for Use Behind Racks and in Trucks Where Space is Limited!**

Lightweight, flexible, and rugged Complex Mini 7.8mm SMPTE 311 camera cable features 16AWG robust power conductors for high performance in portable applications. Ideal for portable deployments for truck and camera connections when facing weight and space constraints, the Complex HF-FUWPUW-7 Mini SMPTE cable assemblies with Gepco HDC720HD 7.8mm cable and LEMO FUW-PUW connectors are smaller and lighter than traditional 9.2mm steel strength member cables. The steel is replaced by a Kevlar strength member that has the same pull strength of steel, but is lighter and more flexible which means they lay flat and are easier to deploy and reel back on the drum. Kevlar expands and contracts at the same rate as the glass members during temperature extremes, keeping the elements in the cable aligned reducing migration.



**SMPTE Cable Only**

Model	Length	Discount
HF-FUWPUW-7-0006	6 Foot	\$949.95
HF-FUWPUW-7-0010	10 Foot	\$959.95
HF-FUWPUW-7-0015	15 Foot	\$969.95
HF-FUWPUW-7-0025	25 Foot	\$989.95
HF-FUWPUW-7-0050	50 Foot	\$1044.95
HF-FUWPUW-7-0075	75 Foot	\$1079.95
HF-FUWPUW-7-0100	100 Foot	\$1149.95
HF-FUWPUW-7-0250	250 Foot	\$1569.95
HF-FUWPUW-7-0500	500 Foot	\$2279.95
HF-FUWPUW-7-0750	750 Foot	\$2981.95
HF-FUWPUW-7-1000	1000 Foot	\$3699.95



**SMPTE Cable Installed on Cable Reel**

SMPTE reels featuring the JACKREEL-XL1 super rugged, high capacity cable reel.

Model	Length	Discount
HF-TR7SMPTE-0250	250 Foot	\$1919.95
HF-TR7SMPTE-0500	500 Foot	\$2629.95
HF-TR7SMPTE-0750	750 Foot	\$3331.95
HF-TR7SMPTE-1000	1000 Foot	\$3999.95
HF-TR7SMPTE-1500	1500 Foot	\$5449.95
HF-TR7SMPTE-2000	2000 Foot	\$6859.95



## Complex Bend Insensitive Harsh Environment Outdoor Broadcast SMPTE Fiber Camera Cables

**Featuring Corning Bend Insensitive Core!**

Complex SMPTE 311M ruggedized camera cable assemblies with Hitachi/Corning Singlemode Bend Insensitive fiber. The partnership with Hitachi Cables' high-end manufacturing processes and Corning's robust bend insensitive fiber guarantees high performance in the most critical applications. Cables feature ultra-precision LEMO connectors and are ideally suited for mobile trucks, outdoor venues, and permanent outdoor installations. The Hitachi Bend insensitive cable allows for extreme stress, a tough abrasion and UV-resistant polyurethane jacket to meet all of your high definition needs in harsh environments without affecting performance.

Model	Length	Discount
HF-FUWPUW-T-0050	50 Foot	\$999.95
HF-FUWPUW-T-0100	100 Foot	\$1122.95
HF-FUWPUW-T-0250	250 Foot	\$1422.59
HF-FUWPUW-T-0500	500 Foot	\$1768.95
HF-FUWPUW-T-0750	750 Foot	\$2246.95
HF-FUWPUW-T-1000	1000 Foot	\$2488.88



## CANARE SMPTE HFO

*Markertek is Your Established Volume Manufacturer for Hybrid Camera Cables!*

Complex HF-FCFAFCMA series Canare HFO SMPTE hybrid fiber optic camera cables from our Canare certified shop. Designed for studio and broadcast applications with a polyurethane jacket providing tear resistant characteristics ensuring superb mechanical strength. Meets the most demanding applications for high-speed uncompressed HD video transmissions over long distances. All assemblies are multi-stage machine polished and tested for <.55db RL. Meets or exceeds SMPTE 304M/311M standards.



### The Canare FC Series Hybrid Fiber Optic Connector

Offers easy maintenance with a detachable alignment sleeve and insulator. The quality construction includes a stainless steel tip and solder contacts fixed in the insulation housing. Designed for long life and hassle-free cleaning. Canare HFO SMPTE connectors are LEMO compatible.

**Custom lengths & configurations always available!**

<b>HF-FCFAFCMA-0006</b>	6 Foot.....	Reg. \$854.95	<b>Discount \$818.49</b>
<b>HF-FCFAFCMA-0010</b>	10 Foot.....	Reg. \$863.49	<b>Discount \$822.22</b>
<b>HF-FCFAFCMA-0025</b>	25 Foot.....	Reg. \$895.49	<b>Discount \$852.60</b>
<b>HF-FCFAFCMA-0050</b>	50 Foot.....	Reg. \$948.49	<b>Discount \$903.25</b>
<b>HF-FCFAFCMA-0075</b>	75 Foot.....	Reg. \$1001.95	<b>Discount \$953.89</b>
<b>HF-FCFAFCMA-0100</b>	100 Foot.....	Reg. \$1056.95	<b>Discount \$1006.29</b>
<b>HF-FCFAFCMA-0164</b>	164 Foot.....	Reg. \$1190.95	<b>Discount \$1134.17</b>
<b>HF-FCFAFCMA-0250</b>	250 Foot.....	Reg. \$1279.95	<b>Discount \$1219.95</b>
<b>HF-FCFAFCMA-0328</b>	328 Foot.....	Reg. \$1374.95	<b>Discount \$1309.06</b>
<b>HF-FCFAFCMA-0500</b>	500 Foot.....	Reg. \$1582.49	<b>Discount \$1506.88</b>
<b>HF-FCFAFCMA-0750</b>	750 Foot.....	Reg. \$2031.49	<b>Discount \$1934.33</b>
<b>HF-FCFAFCMA-1000</b>	1000 Foot.....	Reg. \$2283.95	<b>Discount \$2175.08</b>



- Assembled with Premium Canare LF-25M9N 9.2mm SMPTE Camera Cable & Canare Connectors
- Fully Compatible with LEMO 3K Series Connectors
- Industry Standard HFO Camera Cables
- Terminations by Canare Certified Technicians
- Electrical assemblies 100% tested for continuity & shorts
- Fiber optic assemblies 100% tested for attenuation and back reflection
- SMPTE 311M/304M & ARIB Compliant
- Stainless steel assemblies & Rubber dust caps
- 19.4 Mbps to 3 Gbps transport
- Machine polished fiber contacts
- Low insertion and return loss
- Equivalent to All Canare FCC Series HFO Cables

## GEPSCO SMPTE HYBRID

### Complex SMPTE Hybrid FUW Plug to PUW Socket Gepco HDC920 Outside Broadcast SMPTE Fiber Camera Cables

Complex HF-FUWPUW-G series assembled with premium, extra-flexible Gepco HDC920 9.2mm harsh environment outside broadcast SMPTE cable & LEMO 3K connectors. This composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. The cable is standardized by SMPTE for HDTV Broadcast camera use. All assemblies are multi-stage machine polished and tested for <.55db RL. Meets or exceeds SMPTE 304M/311M standards. Built in-house by LEMO trained technicians at our state-of-the-art fiber shop with full repair services available.

**Custom lengths & configurations always available!**

<b>HF-FUWPUW-G-0010</b>	10 Foot.....	Reg. \$980.49	<b>Discount \$933.50</b>
<b>HF-FUWPUW-G-0015</b>	15 Foot.....	Reg. \$990.95	<b>Discount \$943.65</b>
<b>HF-FUWPUW-G-0025</b>	25 Foot.....	Reg. \$1033.95	<b>Discount \$984.59</b>
<b>HF-FUWPUW-G-0050</b>	50 Foot.....	Reg. \$1079.95	<b>Discount \$1039.95</b>
<b>HF-FUWPUW-G-0075</b>	75 Foot.....	Reg. \$1118.95	<b>Discount \$1065.46</b>
<b>HF-FUWPUW-G-0100</b>	100 Foot.....	Reg. \$1172.49	<b>Discount \$1116.21</b>
<b>HF-FUWPUW-G-0164</b>	164 Foot.....	Reg. \$1299.95	<b>Discount \$1229.95</b>
<b>HF-FUWPUW-G-0250</b>	250 Foot.....	Reg. \$1379.49	<b>Discount \$1313.69</b>
<b>HF-FUWPUW-G-0328</b>	328 Foot.....	Reg. \$1504.49	<b>Discount \$1432.80</b>
<b>HF-FUWPUW-G-0500</b>	500 Foot.....	Reg. \$1657.95	<b>Discount \$1578.78</b>
<b>HF-FUWPUW-G-0656</b>	656 Foot.....	Reg. \$1964.49	<b>Discount \$1870.75</b>
<b>HF-FUWPUW-G-1000</b>	1000 Foot.....	Reg. \$2575.49	<b>Discount \$2452.69</b>



- Assembled with Premium, Extra-Flexible Gepco HDC920 9.2mm Harsh Environment Outside Broadcast SMPTE Cable & LEMO Connectors
- Industry Standard SMPTE Hybrid Fiber Optic Cables with Stainless Steel Connectors & Overboot Dust Caps
- Terminations by LEMO Certified Technicians
- Electrical Assemblies 100% Tested for Continuity and Shorts
- Fiber Optic Assemblies 100% Tested for Attenuation and Back Reflection
- SMPTE 311M and 304M compliant
- 19.4 Mbps to 3 Gbps Transport
- Machine Polished Fiber Contacts
- Low Insertion and Return Loss
- Complete Diagnostic & Test Evaluation Documentation of Your Cable Assembly Available Upon Request

**Contact the Markertek Certified Fiber Shop for All Your Custom Gepco Needs!**

# SMPTE FIBER CABLES

## LEMO SMPTE HYBRID

**Markertek is Your Established Volume Manufacturer for Hybrid Camera Cables!**

Featuring ultra-precision LEMO machine polished fiber contacts for the most demanding applications for high-speed uncompressed HD video transmissions over long distances. All assemblies multi-stage machine UPC polished and tested for  $\leq -55$ dB RL with test results (diagnostics) supplied with each cable. Built in-house by LEMO trained technicians at our state-of-the-art fiber shop with full repair services available. Custom lengths & configurations always available!

**Precision Machine Polished Cables Exceeding SMPTE Specifications!!**

### LEMO 3K SMPTE Hybrid Fiber Flexible Studio Series Cables

Assembled with premium Belden/Mohawk super flexible US SMPTE standard studio broadcast cable. This composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. Cables consists of two single-mode optical fibers, four 20 AWG and two 24 AWG tinned copper conductors cabled around a steel strength element, with an overall tinned copper braid.

HF-FUWPUW-S-0025	25'	Reg. \$979.95	Discount \$932.25
HF-FUWPUW-S-0050	50'	Reg. \$1012.95	Discount \$979.95
HF-FUWPUW-S-0075	75'	Reg. \$1057.49	Discount \$1006.70
HF-FUWPUW-S-0100	100'	Reg. \$1070.49	Discount \$1019.27
HF-FUWPUW-S-0164	164'	Reg. \$1179.49	Discount \$1122.97
HF-FUWPUW-S-0250	250'	Reg. \$1295.95	Discount \$1233.87
HF-FUWPUW-S-0328	328'	Reg. \$1349.95	Discount \$1278.00
HF-FUWPUW-S-0500	500'	Reg. \$1484.95	Discount \$1414.18



**BELDEN  
MOHAWK**  
Quantity Discounts Available

### LEMO 3K SMPTE Hybrid Fiber Outside Broadcast Furukawa Cables

Assembled with premium Furukawa US Standard SMPTE harsh environment outside broadcast cable. AWM style & recognized by UL, this composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. Rugged, high durability construction. Ultra-high abrasion resistance. Superior load bearing & tensile

HF-FUWPUW-M-0025	25'	Reg. \$1029.95	Discount \$969.95
HF-FUWPUW-M-0050	50'	Reg. \$1040.95	Discount \$991.14
HF-FUWPUW-M-0075	75'	Reg. \$1117.95	Discount \$1064.70
HF-FUWPUW-M-0100	100'	Reg. \$1166.95	Discount \$1111.03
HF-FUWPUW-M-0164	164'	Reg. \$1294.49	Discount \$1232.37
HF-FUWPUW-M-0250	250'	Reg. \$1463.95	Discount \$1394.13
HF-FUWPUW-M-0328	328'	Reg. \$1640.49	Discount \$1562.37
HF-FUWPUW-M-0500	500'	Reg. \$1819.49	Discount \$1732.65
HF-FUWPUW-M-1000	1000'	Reg. \$2560.49	Discount \$2438.32
HF-FUWPUW-M-1500	1500'	Reg. \$3274.95	Discount \$3118.63



**FURUKAWA**  
Bound to Innovate  
Quantity Discounts Available

### LEMO 3K SMPTE Hybrid Fiber UL-Listed Riser Rated Indoor Cables

Assembled with premium Belden/Mohawk US SMPTE standard UL Listed CMR Riser Rated broadcast cable for indoor installs. This composite cable integrates power line for TV camera, control line, and optical fiber for video and audio transmission. Built to the SMPTE 311M spec, this cable is designed with a flame retardant PVC jacket for permanent installations in building risers, infrastructure or internal wiring for OB trucks.

HF-FUWPBW-R-0025	25'	Reg. \$969.95	Discount \$939.95
HF-FUWPBW-R-0050	50'	Reg. \$982.49	Discount \$952.49
HF-FUWPBW-R-0075	75'	Reg. \$1010.95	Discount \$962.49
HF-FUWPBW-R-0100	100'	Reg. \$1039.49	Discount \$989.60
HF-FUWPBW-R-0164	164'	Reg. \$1111.95	Discount \$1058.99
HF-FUWPBW-R-0250	250'	Reg. \$1209.95	Discount \$1152.25
HF-FUWPBW-R-0328	328'	Reg. \$1366.49	Discount \$1300.94
HF-FUWPBW-R-0500	500'	Reg. \$1423.49	Discount \$1355.55
HF-FUWPBW-R-1000	1000'	Reg. \$1965.49	Discount \$1871.89



**BELDEN  
MOHAWK**  
Quantity Discounts Available

**markertek®**



**LEMO  
CERTIFIED**

- Assembled with Belden & Furukawa Premium SMPTE Hybrid Fiber Cable & LEMO 3K Connectors
- Industry standard cables
- Terminations by LEMO certified technicians
- Fiber optic assemblies 100% tested for attenuation and UPC back reflection
- SMPTE 311M and 304M compliant
- Stainless steel assemblies
- Rubber dust caps
- 19.4 Mbps to 3 Gbps transport
- Machine polished fiber contacts
- Low insertion and return loss (Documented)
- All lengths also available with built-in cable reel

**The Broadcast Industry's Fastest Turnaround on SMPTE Fiber Assemblies!**

All LEMO 3K.93C SMPTE 311M HDTV hybrid camera cables can also be terminated by Markertek with the following connectors. Visit [www.markertek.com](http://www.markertek.com) for a complete listing of our full SMPTE hybrid camera cable line.

**FUW**  
Male Cable Plug

**PUW**  
Female Cable Socket

**FMW**  
4-Hole Flange  
Male Cable Plug

**PBW**  
Square 4-Hole Flange  
Female Socket

**LET US ALSO  
TERMINATE YOUR  
BULK SMPTE FIBER**

## opticalCON X-Treme Cables

- **Featuring Belden's Dual PUR jacket & rodent inhibitor layer,** Extreme cables are manufactured to withstand the most extreme and harsh outdoor environments like touring / rental or outdoor broadcast
- opticalCON multimode fiber cables offer laser and bend optimized OM3 fibers
- Offering a cut-proof and rodent resistant double jacket glass yarn armored cable construction
- Dust and water resistant according to IP65 in mated condition



### X-Treme Singlemode DUO Cable

HF-OC2SX-0100	100'	\$850.41
HF-OC2SX-0250	250'	\$1031.78
HF-OC2SX-0500	500'	\$1285.55

### X-Treme Singlemode DUO Cable Reel

HF-TROC2SX-0100	100'	\$989.23
HF-TROC2SX-0250	250'	\$1456.76
HF-TROC2SX-0500	500'	\$2059.99

### X-Treme Multimode DUO Cable

HF-OC2MX-0100	100'	\$888.90
HF-OC2MX-0250	250'	\$1049.95
HF-OC2MX-0500	500'	\$1349.95

### X-Treme Multimode DUO Cable Reel

HF-TROC2MX-0100	100'	\$984.81
HF-TROC2MX-0250	250'	\$1456.68
HF-TROC2MX-0500	500'	\$2100.02

### X-Treme Singlemode QUAD Cable

HF-OC4SX-0100	100'	\$1004.56
HF-OC4SX-0250	250'	\$1336.78
HF-OC4SX-0500	500'	\$1819.49

### X-Treme Singlemode QUAD w/Reel

HF-TROC4SX-0100	100'	\$1046.69
HF-TROC4SX-0250	250'	\$1519.54
HF-TROC4SX-0500	500'	\$2085.13

### X-Treme Multimode QUAD Cable

HF-OC4MX-0100	100'	\$999.95
HF-OC4MX-0250	250'	\$1195.95
HF-OC4MX-0500	500'	\$1529.95

### X-Treme Multimode QUAD w/Reel

HF-TROC4MX-0100	100'	\$1055.44
HF-TROC4MX-0250	250'	\$1387.98
HF-TROC4MX-0500	500'	\$2170.65

## Neutrik opticalCON Chassis Connectors



Ruggedized & dirt-protected 2-Channel & 4-channel feed-through LC • Shutter with silicon gasket protects optical connection from dust & dirt • Dust and water resistant according to IP65 in mated condition • Connection on the front side either by rugged opticalCON or standard LC connector - rear side by standard LC • Color-coded rubber sealing gasket SCDP-\* (sold separately below) help identify fiber mode • Standard D size shell and Push-Pull locking mechanism.



NO2-4FDW-A	Black finish	\$81.06
NO2-4FDW-1-A	Black finish, 1 shell ground contact (SMPTE cable shield)	\$89.39
NO4FDW-A	opticalCON Quad Chassis Connector	\$75.57
NO12FDW-A	opticalCON MTP Chassis Connector	\$144.99

## Weather Resistant opticalCON Couplers

IP65 Weatherproof opticalCON DUO coupler (adapter) LC-Duplex for cable extensions with 4 copper wires (DUO) or Two Duplex LC (Quad).



Fiber Mode	Multimode PC	Singlemode PC	Singlemode APC
Color Code	Black	Blue	Green
DUO #	NAO2M-H1W-A	NAO2S-H1W-A	NAO2SA-H1W-A
Discount	\$272.50	\$302.34	\$311.64
QUAD #	NAO4MW-A	NAO4SW	NAO4SAW-A
Discount	\$321.06	\$367.49	\$384.29

opticalCON Accessories



### opticalCON Sealing Covers

Drop down or stage boxes and certain outdoor devices can benefit from additional protection of the opticalCON chassis connectors. The sealing dust cover encloses the entire shutter group and completely protects the interior from pollutant & ingress of water.

- SCD-NC • Rubber • Discount \$15.69
- SCNO-FDW-A • Metal • Discount \$20.59

### Clear Spring-Loaded Cover IP65 Rated

Spring-loaded cover shuts automatically after unplugging the cable connector and seals the chassis connectors against dust and water to IP65. Fits all D-size chassis connectors. **SCCD-W • Discount \$12.11**

### opticalCON Dust Caps

Hinged cover seals D-size chassis connectors from water, dust and dirt in unmated condition according to IP42. It is available in different colors.

SCDX	Black	Discount \$15.57
SCDX-5	Green (indicates single-mode APC)	Discount \$15.57
SCDX-6	Blue (indicates single-mode PC)	Discount \$15.57
SCDX-9	White (e.g. wall outlet)	Discount \$15.57

### opticalCON Color Coding Rings

Color coding ring for opticalCON cable and chassis connectors (SCNO-FDW-R) **NOR-\* • Discount \$2.98**

\*Color coding: NOR-0 = black; NOR-1 = brown; NOR-2 = red; NOR-3 = orange; NOR-4 = yellow; NOR-5 = green; NOR-6 = blue; NOR-7 = violet; NOR-8 = gray; NOR-9 = White



### opticalCON Sealing Gaskets

The SCDP sealing gasket provides a dust and water resistant assembly for all D-shape chassis connectors to front panels. **SCDP-\* • Discount \$2.62**

\*Color coding: 0-BLACK; 2-RED; 4-YELLOW; 5-GREEN; 6-BLUE; 9-WHITE



### opticalCON 30° Angled Rack Panel

The 30° forward-turned angled 19" panel for racks in demanding environments protects the installed receptacles well against the ingress of dirt and water. 12 D-shape cutouts with M3 threaded fastening holes.



**NZP1RU-12 • \$69.41**

### opticalCON Rack Panel Frames

Space saving design, ideal for cramped rack applications such as OB truck I/O panels • Best cable bend protection for mated cables due to 45° angled outlet position • Frame can be equipped with different plates • Plates can be mounted horizontal in the 1RU frame or vertical in the 3RU frame



**NZPF1RU • 1RU • \$118.90 NZPF3RU • 3RU • \$182.69**

### opticalCON Panel Frames

The blank NZPFD plates can be loaded with opticalCON DUO or QUAD chassis connectors as well as any D-Mount connector



**NZPFD • 1 Connector • \$15.33**  
**NZPFD-2 • 2 Connectors • \$35.03**  
**NZPFD-4ST • 1 opticalCON & 4 ST • \$47.73**

### opticalCON Pulling Socks

The pulling sock is available as single and split versions. Simplifies the installation at a pulling force > 100 kg. The advanced pulling solution offers an optimal protection for the cable connectors in harsh environment.



**FOPS-SINGLE** For standard opticalCON Cable Assembly ....Discount \$38.94  
**FOPS-SPLIT** For triple/power split Cable Assembly .....Discount \$47.99



# opticalCON CABLES



# Markertek

is your factory trained & certified Neutrik opticalCON fiber optic assembly shop serving the needs of broadcasters, integrators and dealers. Our state-of-the-art fiber lab can quickly fabricate assemblies, breakouts, panels, wall boxes and more. The Neutrik opticalCON Advanced fiber optic connector system is fast becoming a broadcast and pro-audio standard for an extremely robust hybrid and multichannel fiber optic connection.



## NEUTRIK opticalCON DUO

The opticalCON system is based on LC-Duplex connectors but eliminates its weakness and guarantees a safe, dust protected and rugged connection. Being compatible to conventional LC connectors the opticalCON DUO offers the choice of using cost effective LC cables or the rugged opticalCON cable assembly for mobile applications. The opticalCON DUO is the ideal solution for equipment connections and system integration offering LC compatibility on chassis connector front and rear.

### opticalCON DUO 2-Channel Field Cables

Assembled 2 fibers rugged and lightweight mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in multi- and single mode (PC or APC), military approved.

opticalCON DUO to opticalCON DUO Cable		opticalCON DUO Cable with Tac Reel		
100'	HF-OC2S-0100	\$807.24	HF-TROC2S-0100	\$918.71
164'	HF-OC2S-0164	\$855.07	HF-TROC2S-0164	\$986.15
250'	HF-OC2S-0250	\$925.24	HF-TROC2S-0250	\$1055.50
328'	HF-OC2S-0328	\$986.27	HF-TROC2S-0328	\$1121.25
500'	HF-OC2S-0500	\$1116.59	HF-TROC2S-0500	\$1265.28
656'	HF-OC2S-0656	\$1197.67	HF-TROC2S-0656	\$1685.93
1000'	HF-OC2S-1000	\$1335.59	HF-TROC2S-1000	\$1792.26

### opticalCON DUO SMPTE Cables

Preassembled SMPTE cable with 2 single-mode fibers (PC or APC), 2xAWG24 and 2xAWG16 (or 4xAWG20) stranded copper conductors, overall copper-braided shield and stainless steel strength member, strong black PUR outer jacket for abrasion resistance.



SMPTE Hybrid Cables for Indoor Powered Applications  
ENG/SNG Low Voltage Camera SM Hybrid Cables

opticalCON DUO SMPTE Cable		opticalCON SMPTE Cable with Tac Reel		
100'	HF-OCSMPT-0100	\$1021.81	HF-TROC SMPT-0100	\$1195.27
164'	HF-OCSMPT-0164	\$1142.38	HF-TROC SMPT-0164	\$1327.18
250'	HF-OCSMPT-0250	\$1296.43	HF-TROC SMPT-0250	\$1793.96
328'	HF-OCSMPT-0328	\$1453.17	HF-TROC SMPT-0328	\$2227.46
500'	HF-OCSMPT-0500	\$1775.86	HF-TROC SMPT-0500	\$2849.95
656'	HF-OCSMPT-0656	\$2080.22	HF-TROC SMPT-0656	\$2856.78
1000'	HF-OCSMPT-1000	\$2402.38	HF-TROC SMPT-1000	\$2957.48



### opticalCON to ST & LC Breakout Cables

Singlemode DUO to ST Breakout		Singlemode QUAD to ST Breakout	
HF-OC2S-ST-06IN	6" .....\$389.95	HF-OC4S-ST-06IN	6" .....\$439.95
HF-OC2S-ST-12IN	12" .....\$389.95	HF-OC4S-ST-12IN	12" .....\$439.95
HF-OC2S-ST-18IN	18" .....\$389.95	HF-OC4S-ST-18IN	18" .....\$439.95
Multimode DUO to ST Breakout		Multimode QUAD to ST Breakout	
HF-OC2M-ST-06IN	6" .....\$396.58	HF-OC4M-ST-06IN	6" .....\$439.95
HF-OC2M-ST-12IN	12" .....\$396.58	HF-OC4M-ST-12IN	12" .....\$439.95
HF-OC2M-ST-18IN	18" .....\$396.58	HF-OC4M-ST-18IN	18" .....\$439.95



## NEUTRIK opticalCON QUAD

The opticalCON system is based on LC connectors but eliminates its weakness and guarantees a safe, dust protected and rugged connection. The opticalCON QUAD is based on the proven opticalCON DUO connection system but with four channels it is optimized for Point-to-Point interconnections and multi-channel routing applications. The system copes with the increasing need for fiber optic channels.

### opticalCON QUAD 4-Channel Singlemode Field Cable

Assembled, rugged and lightweight 4-channel mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in single and multi mode (PC or APC).

opticalCON QUAD to opticalCON QUAD Cable		opticalCON QUAD Cable with Tac Reel		
100'	HF-OC4S-0100	\$884.07	HF-TROC4S-0100	\$1014.31
164'	HF-OC4S-0164	\$948.43	HF-TROC4S-0164	\$1082.54
250'	HF-OC4S-0250	\$1034.92	HF-TROC4S-0250	\$1188.28
328'	HF-OC4S-0328	\$1098.73	HF-TROC4S-0328	\$1230.03
500'	HF-OC4S-0500	\$1286.33	HF-TROC4S-0500	\$1440.71
656'	HF-OC4S-0656	\$1390.74	HF-TROC4S-0656	\$1900.74
1000'	HF-OC4S-1000	\$1580.43	HF-TROC4S-1000	\$2199.95

### opticalCON QUAD 4-Channel Multimode Field Cable

Assembled, rugged and lightweight 4-channel mobile field cable, excellent cable retention due to aramid yarn, black PUR outer jacket, available in single and multi mode (PC or APC).



opticalCON QUAD to opticalCON QUAD Cable		opticalCON QUAD Cable with Tac Reel	
HF-OC4M-0100	100'.....\$911.85	HF-TROC4M-0100	100'....\$1043.76
HF-OC4M-0164	164'.....\$995.43	HF-TROC4M-0164	164'....\$1132.36
HF-OC4M-0250	250'.....\$1107.74	HF-TROC4M-0250	250'....\$1251.40
HF-OC4M-0328	328'.....\$1209.59	HF-TROC4M-0328	328'....\$1359.37
HF-OC4M-0500	500'.....\$1434.21	HF-TROC4M-0500	500'....\$1559.40
HF-OC4M-0656	656'.....\$1578.37	HF-TROC4M-0656	656'....\$2033.81
HF-OC4M-1000	1000'.....\$1843.65	HF-TROC4M-1000	1000'..\$2348.47

### opticalCON DUO Multimode Tactical Cables

Multimode DUO Tactical assemblies are extra rugged. Tactical cable has 2 multi-mode fibers, and aramid yarn as cable retention and strength member. The opticalCON DUO cable connector uses a standard optical LC-Duplex connector in a ruggedized and durable all-metal housing. It features a spring loaded push-pull locking mechanism and an excellent cable retention utilizing aramid yarn.

opticalCON DUO Multimode Cables		opticalCON DUO MM Cable with Tac Reel		
100'	HF-OC2M-0100	\$812.80	HF-TROC2M-0100	\$1016.27
164'	HF-OC2M-0164	\$869.50	HF-TROC2M-0164	\$1045.55
250'	HF-OC2M-0250	\$959.49	HF-TROC2M-0250	\$1094.26
328'	HF-OC2M-0328	\$1035.76	HF-TROC2M-0328	\$1175.11
500'	HF-OC2M-0500	\$1203.96	HF-TROC2M-0500	\$1347.16
656'	HF-OC2M-0656	\$1437.91	HF-TROC2M-0656	\$1724.28
1000'	HF-OC2M-1000	\$1794.49	HF-TROC2M-1000	\$1969.02

## Complex Singlemode ProTac Fiber Optic Snake Reels

*Extremely Rugged & Lightweight Tactical Fiber Snakes Designed for Broadcast & Pro-AV Applications!*

Tactical fiber cable reels designed for Broadcast & Pro-AV deployments and manufactured to meet all outdoor rated crush and impact resistant applications. The tough Thermoplastic Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko LC or ST premium fiber connectors. All assemblies are machine polished and interferometer tested to industry standards. All products are 100% tested and a complete set of test documentation of your cable is available upon request.

- Complex Tactical Cable & Senko Heavy Duty Connectors with Dust Caps
- Broadcast Deployable
- Indoor/Outdoor rated jacket.
- Typical RL <-55dB and IL<0.25dB.
- Wide temperature range (typically -55°C to 85°C)
- 500um primary acrylate buffer with 900um secondary hard buffer
- Excellent crush and impact resistance due to their polyurethane Core-Locked outer jacket
- Designed to withstand crush and impact after deployment
- Strong, lightweight and extremely durable cable



### Part Number Ordering Guide

Channels	Connectors	Length (Ft)
CMX -		
TR02	ST	0250
TR04	LC	0500
TR08	*Inquire about opticalCON, TFOCA & Other Connectors	0750
TR12		1000
		1250
		1500
Example: CMX-TR08ST-1500		1750
8-Channel ST Snake Reel 1500 Foot		2000



### Complex Singlemode ProTac Fiber Optic Snake Reels

All prices below INCLUDE fiber optic cable reel with unique connector protection cavity and hinged latching door.

Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$399.95	\$539.95	\$1099.95	\$1149.95	\$1329.95	\$1499.95	\$1644.95	\$1799.95
4	\$579.95	\$719.95	\$1199.95	\$1399.95	\$1629.95	\$1819.95	\$2119.95	\$2299.95
8	\$749.95	\$1359.49	\$1749.95	\$2179.95	\$2349.95	\$2899.95	\$3229.95	\$3339.95
12	\$829.95	\$1599.95	\$1899.95	\$2299.95	\$2579.95	\$2999.95	\$3379.95	\$3550.49

Check this out



Heavy Duty Crush Resistant Tube with Pulling Eye

### Complex ProTac Field Snakes

*The Ultimate Fiber Optic OB & ENG Tactical Snake!*

The Complex ProTac tactical snake is a special ruggedized version of our popular fiber optic snakes featuring a translucent, crush resistant, reusable protective tube for pulling and field deployment. The ProTac series offers maximum critical protection where it's needed most, at the Connector and Fan-Out area. Fan-outs are safely housed in the ProTac cover and the cover has a convenient pulling eye. Designed for maximum protection, the ProTac fiber deployment reel system is IP68 rated with the pulling sock is installed. The pulling eye and tactical sleeve protect fiber and connectors by transferring the tensile or pulling force to the cable structure.

#### 4-Channel ProTac Reels

HF-TRP04LC-0500	500 Foot, 4-Channel LC.....	Reg. \$1545.95	Discount \$1472.27
HF-TRP04LC-1000	1,000 Foot, 4-Channel LC.....	Reg. \$2222.49	Discount \$2116.55
HF-TRP04ST-0500	500 Foot, 4-Channel ST.....	Reg. \$1546.49	Discount \$1472.55
HF-TRP04ST-1000	1,000 Foot, 4-Channel ST.....	Reg. \$2222.95	Discount \$2116.99

#### 12-Channel ProTac Reels

HF-TRP12LC-0500	500 Foot, 12-Channel LC.....	Reg. \$2758.49	Discount \$2626.76
HF-TRP12LC-1000	1,000 Foot, 12-Channel LC.....	Reg. \$3699.95	Discount \$3299.95
HF-TRP12ST-0500	500 Foot, 12-Channel ST.....	Reg. \$2758.49	Discount \$2626.76
HF-TRP12ST-1000	1,000 Foot, 12-Channel ST.....	Reg. \$3699.95	Discount \$3399.95



### Complex Tactical Fiber ENG Cable Reels

*The Ultimate Fiber Optic ENG Field Snake!*



Complex delivers the industry's only single camera fiber optic ENG snake reel deployment solution. Provides two (2) fiber optic singlemode ST connections for camera send and receive in addition to two (2) balanced XLR audio lines with 3-pin XLR intercom channel. Designed for the demanding use of ENG deployment and an ideal companion for any camera utilizing Telecast Rattlers and similar camera converter systems with ST fiber connectors.

ENG fiber reels feature Furukawa outdoor rated fiber optical camera cable. Fiber connectors are high quality machine polished Senko ST. Fiber termination is fully tested to meet or exceed industry standards for Insertion Loss <= 0.5dB and Return Loss >= 45dB. Audio channels feature industry standard Neutrik XLR connections for the most reliable audio interconnect.

Model	Length (ft.)	Discount
FIBER-ENGST-0100	100	\$389.52
FIBER-ENGST-0150	150	\$784.94
FIBER-ENGST-0250	250	\$973.92
FIBER-ENGST-0328	328	\$1437.48
FIBER-ENGST-0500	500	\$2066.06
FIBER-ENGST-0750	750	\$2399.95
FIBER-ENGST-1000	1000	\$2839.95



# CAMPLEX TACTICAL FIBER

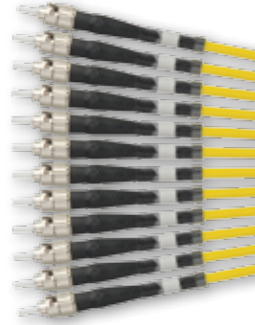


**Locking Protection!**

## Singlemode Tactical Fiber Optic Snake Reels

**Extremely Rugged & Lightweight Tactical Fiber Snakes Designed for Broadcast & Pro-Audio Applications!**

- Built by Markertek with OCC Multichannel Tactical Cable & Heavy Duty Connectors with Dust Caps
- Individual Channels Ruggedized with Techflex Protection & 24" Fanout
- Compact, round cable design for ease of transportation and deployment
- Crush-resistant and resilient with a thick layer of aramid strength members
- Polyurethane jacketed for abrasion, cut and chemical resistance
- Meets & Exceeds MIL-PRF-85045 Specifications!
- Designed for use in adverse environments where reduced size and weight are important
- Cables have been tested and are in use in military data communication applications worldwide
- Helically stranded cable core for flexibility, deployment survivability and exceptional mechanical protection for the optical fibers
- Can be used outdoors for temporary deployment directly on the ground in all terrains, including severe environments
- Suitable for outside broadcast, industrial, mining and petrochemical environments - chemical resistant



**Cable Reel Included!**



### Complex Singlemode Tactical Fiber Optic Snake Reels

All prices below **INCLUDE** fiber optic cable reel with unique connector protection cavity and hinged latching door.

Fiber Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$482.03	\$688.01	\$810.46	\$1208.61	\$1376.53	\$1543.19	\$1774.81	\$1915.13
4	\$709.95	\$999.95	\$1398.85	\$1519.04	\$1760.66	\$1952.43	\$2308.94	\$2524.26
8	\$949.95	\$1764.85	\$2304.69	\$2656.94	\$2771.09	\$3337.76	\$3789.21	\$4037.34
12	\$1279.95	\$2242.75	\$2726.67	\$3198.00	\$3831.17	\$4462.71	\$5094.25	\$5453.13

#### Part Number Ordering Guide

Channels	Connectors	Length (Ft)
HF -		
TR02	ST	0250
TR04	LC	0500
TR08		0750
TR12	*Inquire about opticalCON, TFOCA & Other Connectors	1000
		1250
		1500
		1750
		2000

**Example: HF-TR08ST-1500**  
8-Channel ST Snake Reel 1500 Foot

### Complex Multimode Orange OM1 62.5 Micron Tactical Fiber Optic Snake Reels

All prices below **INCLUDE** fiber optic cable reel with unique connector protection cavity and hinged latching door.

Fiber Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$431.43	\$692.03	\$866.03	\$1411.15	\$1628.32	\$1884.09	\$2101.25	\$2318.42
4	\$849.95	\$1249.95	\$1833.56	\$2055.73	\$2430.69	\$2844.26	\$3219.22	\$3594.18
8	\$1399.95	\$2499.95	\$3797.27	\$4446.89	\$5412.94	\$6445.97	\$7412.02	\$8199.95
12	\$1481.49	\$2698.49	\$4017.95	\$4697.49	\$5711.95	\$6796.49	\$7810.95	\$8404.95

#### Part Number Ordering Guide

**Example: HF-TR04STM1-1500**  
1500 Foot 4-Channel ST Multi Mode OM1 Snake Reel

\*Inquire about TFOCA & Other Connectors

Channels	Connectors	Length (Ft)
HF -		M1 -
TR02	ST	0250 1250
TR04	LC	0500 1500
TR08		0750 1750
TR12		1000 2000



### Complex Multimode Aqua OM3 50 Micron 10-Gig Tactical Fiber Optic Snake Reels

All prices below **INCLUDE** fiber optic cable reel with unique connector protection cavity and hinged latching door.

Fiber Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$674.68	\$1188.53	\$1538.53	\$2234.49	\$2658.53	\$3121.18	\$3545.22	\$3969.27
4	\$1179.95	\$1949.95	\$2692.77	\$3110.04	\$3751.71	\$4431.98	\$5073.65	\$5443.15
8	\$1449.95	\$2799.95	\$3999.95	\$5299.95	\$5899.95	\$7099.95	\$7899.95	\$8699.95
12	\$1582.08	\$2866.20	\$4255.77	\$5799.95	\$6126.12	\$7305.59	\$8418.09	\$9530.59



#### Part Number Ordering Guide

**Example: HF-TR04STM3-1500**  
1500 Foot 4-Channel ST Multi Mode OM3 Snake Reel

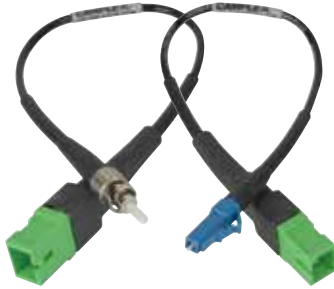
Channels	Connectors	Length (Ft)
HF -		M3 -
TR02	ST	0250
TR04	LC	2000
TR08		
TR12		

**CAMPLEX**  
Brand Fiber Gear

## Complex Simplex Singlemode APC Fiber Optic Tactical Adapter Cables

**Quickly Adapt any APC Fiber Connection to Stand UPC!**

Quickly change your Singlemode tactical fiber cables between connector varieties as Well As APC & UPC polished ends. By utilizing TAC 1 cable from OCC, Complex tactical fiber adapters are field tough so you can confidently adapt your cables with reliable components saving time and money on site productions or permanent installs. Available in every possible variety to adapt LC, SC or ST connections.



Model		Discount
HF-SM-ASCF-STM	APC SC-F to UPC ST-M	\$24.95
HF-SM-ASCF-SCM	APC SC-F to UPC SC-M	\$24.95
HF-SM-ASCF-LCM	APC SC-F to UPC LC-M	\$24.95
HF-SM-ASCF-ALCM	APC SC-F to APC LC-M	\$24.95
HF-SM-ALCF-STM	APC LC-F to UPC ST-M	\$24.95
HF-SM-ALCF-SCM	APC LC-F to UPC SC-M	\$24.95
HF-SM-ALCF-LCM	APC LC-F to UPC LC-M	\$24.95
HF-SM-ALCF-ASCM	APC LC-F to APC SC-M	\$24.95



## Complex Multimode LC Fiber Optic Splitter Cables

A Complex exclusive 1x3 fiber optic passive splitter. Multimode fused splitters offer a handy solution to split optical signal for routing to multiple devices, inputs or patch panels when used with a Neutrik NZPFD-2. 1x3 splitters provide 100-33/33/33 split. Multimode splitters are designed to operate with 850nm and/or 1300nm.



CMX-MM1X3LC-001

### FEATURES:

- Multimode fused optical splitter
- LC fiber assemblies split 1 signal into 2 or 3 signals
- 1x3 offer 100 to 33/33/33 split
- 1x2 offer 100 to 50/50 split
- Splits optical signal for routing to multiple devices
- Operate with 850nm and/or 1300nm
- Can be used with Neutrik NZPFD-2

### 1x2 Splitter Cables

CMX-MM1X2LC-001	1 Foot.....	Discount \$209.95
CMX-MM1X2LC-002	2 Foot.....	Discount \$209.95
CMX-MM1X2LC-003	3 Foot.....	Discount \$209.95
CMX-MM1X2LC-006	6 Foot.....	Discount \$209.95

### 1x3 Splitter Cables

CMX-MM1X3LC-001	1 Foot.....	Discount \$259.95
CMX-MM1X3LC-002	2 Foot.....	Discount \$259.95
CMX-MM1X3LC-003	3 Foot.....	Discount \$259.95
CMX-MM1X3LC-006	6 Foot.....	Discount \$259.95

## Complex Tactical Fiber Adapter Cables

Quickly change your tactical fiber cables between LC, SC or ST connections with these clever adapter cables from Complex. By utilizing TAC 1 cable from OCC, Complex tactical fiber adapters are field tough so you can confidently adapt your cables with reliable components saving time and money on site productions or permanent installs.



### 1 Foot Singlemode Adapter Cables

HF-SM-STF-LCM	ST Female to LC Male.....	Discount \$24.95
HF-SM-STF-SCM	ST Female to SC Male.....	Discount \$24.95
HF-SM-LCF-SCM	LC Female to SC Male.....	Discount \$24.95
HF-SM-LCF-STM	LC Female to ST Male.....	Discount \$24.95
HF-SM-SCF-LCM	SC Female to LC Male.....	Discount \$24.95
HF-SM-SCF-STM	SC Female to ST Male.....	Discount \$24.95

### 1 Foot OM1 Multimode Adapter Cables

HF-M1-STF-LCM	ST Female to LC Male.....	Discount \$27.95
HF-M1-STF-SCM	ST Female to SC Male.....	Discount \$27.95
HF-M1-LCF-SCM	LC Female to SC Male.....	Discount \$27.95
HF-M1-LCF-STM	LC Female to ST Male.....	Discount \$27.95
HF-M1-SCF-LCM	SC Female to LC Male.....	Discount \$27.95
HF-M1-SCF-STM	SC Female to ST Male.....	Discount \$27.95

### 1 Foot OM3 Multimode Adapter Cables

HF-M3-LCF-SCM	LC Female to SC Male.....	Discount \$27.95
HF-M3-LCF-STM	LC Female to ST Male.....	Discount \$27.95
HF-M3-STF-LCM	ST Female to LC Male.....	Discount \$27.95
HF-M3-STF-SCM	ST Female to SC Male.....	Discount \$27.95
HF-M3-SCF-LCM	SC Female to LC Male.....	Discount \$27.95
HF-M3-SCF-STM	SC Female to ST Male.....	Discount \$27.95

## Complex Singlemode LC Fiber Optic Splitter Cables

A Complex exclusive 1x3 fiber optic passive splitter. Singlemode fused splitters offer a handy solution to split optical signal for routing to multiple devices, inputs or patch panels when used with a Neutrik NZPFD-2. 1x3 splitters provide 100-33/33/33 split. Designed to operate with 1310nm and/or 1550nm bands. Note: These assemblies are not for combining optical signals, however, they can be used as alternate inputs when accounting for optical budget losses.

### FEATURES:

- Singlemode fused optical splitter
- LC fiber assemblies split 1 signal into 2 or 3 signals
- 1x3 offer 100 to 33/33/33 split
- 1x2 offer 100 to 50/50 split
- Splits optical signal for routing to multiple devices
- Operates with 1310nm and/or 1550nm bands
- Can be used with Neutrik NZPFD-2

### 1x2 Splitter Cables

CMX-SM1X2LC-001	1 Foot.....	Discount \$209.95
CMX-SM1X2LC-002	2 Foot.....	Discount \$209.95
CMX-SM1X2LC-003	3 Foot.....	Discount \$209.95
CMX-SM1X2LC-006	6 Foot.....	Discount \$209.95

### 1x3 Splitter Cables

CMX-SM1X3LC-001	1 Foot.....	Discount \$259.95
CMX-SM1X3LC-002	2 Foot.....	Discount \$259.95
CMX-SM1X3LC-003	3 Foot.....	Discount \$259.95
CMX-SM1X3LC-006	6 Foot.....	Discount \$259.95

### FEATURES:

- Male to Female Adapter Design Using Military TAC1 Ruggedized Cable & High Quality Senko Connectors
- Allows Quick Changes Between LC and SC Multimode Cables
- Save Time and Expense - Avoid by Keeping Your Existing Fiber Cables
- Polished to Industry Standards for GR-326 Core with Typical RL and IL (<0.5dB and -55dB)



HF-SM-LCF-SCM



HF-SM-STF-SCM



HF-M1-STF-SCM

HF-M3-SCF-LCM



CMX-SM1X2LC-001



CMX-MM1X3LC-001

# CAMPLEX TACTICAL FIBER



## Complex Singlemode Tactical Fiber Optic Snakes (No Reel)



Ruggedized multi-channel fiber optic cables designed to meet military tactical deployment requirements in field production, outside broadcast, rental houses & more. Highly flexible tight-buffered tactical cables with internal aramid strength members for crush resistance in high traffic areas and a polyurethane outer sheath designed to withstand crushing by both military tanks and Outside Broadcast vehicles. Custom lengths & configurations always available.

Fiber Channels	250'	500'	750'	1000'	1250'	1500'	1750'	2000'
2	\$278.61	\$478.77	\$678.61	\$798.73	\$898.84	\$1065.50	\$1232.17	\$1398.84
4	\$391.54	\$681.54	\$883.22	\$1051.29	\$1292.95	\$1534.62	\$1776.29	\$1921.86
8	\$683.40	\$1223.40	\$1763.40	\$2094.00	\$2369.50	\$2819.50	\$3269.50	\$3542.38
12	\$936.75	\$1700.62	\$2458.80	\$2680.54	\$3312.08	\$3943.62	\$4575.16	\$4958.77

Channels	Connectors	Length (Ft)
HF-		
TS02	ST	0250
TS04	LC	0500
TS08		0750
TS12	*Inquire about opticalCON, TFOCA & Other Connectors	1000
		1250
		1500
Example: HF-TS08ST-1000		1750
1000 Foot 8-Channel ST Single Mode Snake		2000

Quantity Discounts & Custom Configurations Available!



**LET MARKERTEK CUSTOM BUILD ALL YOUR FIBER OPTIC CABLES TO YOUR EXACT SPECS!**

## Complex Single Channel Tactical Fiber Cables

These cables are designed for Military Tactical deployment applications and meets all outdoor tactical needs for broadcast applications requiring an outdoor rated crush and impact resistant design. The tough Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko ST and LC premium fiber connectors. All assemblies are machine polished and 100% interferometer tested to industry standards.

Singlemode	Discount	Multimode OM1	Discount	Multimode OM3 (10-Gig)	Discount
10' HF-T1SM-**-0010	\$52.72	HF-T1M1-**-0010	\$42.59	HF-T1M3-**-0010	\$54.57
25' HF-T1SM-**-0025	\$61.74	HF-T1M1-**-0025	\$52.95	HF-T1M3-**-0025	\$69.69
50' HF-T1SM-**-0050	\$79.24	HF-T1M1-**-0050	\$70.20	HF-T1M3-**-0050	\$93.19
75' HF-T1SM-**-0075	\$95.83	HF-T1M1-**-0075	\$92.45	HF-T1M3-**-0075	\$116.17
100' HF-T1SM-**-0100	\$110.07	HF-T1M1-**-0100	\$104.70	HF-T1M3-**-0100	\$140.19
164' HF-T1SM-**-0164	\$154.49	HF-T1M1-**-0164	\$159.36	HF-T1M3-**-0164	\$200.35
250' HF-T1SM-**-0250	\$211.18	HF-T1M1-**-0250	\$218.71	HF-T1M3-**-0250	\$281.19
328' HF-T1SM-**-0328	\$262.59	HF-T1M1-**-0328	\$272.53	HF-T1M3-**-0328	\$354.50
500' HF-T1SM-**-0500	\$375.96	HF-T1M1-**-0500	\$391.22	HF-T1M3-**-0500	\$516.18
656' HF-T1SM-**-0656	\$435.26	HF-T1M1-**-0656	\$453.51	HF-T1M3-**-0656	\$602.56
1000' HF-T1SM-**-1000	\$587.94	HF-T1M1-**-1000	\$613.53	HF-T1M3-**-1000	\$821.80

\*\*Add ST or LC Connector Choice



## Complex Simplex Singlemode APC Fiber Optic Tactical Adapter Cables

Complex now offers APC standard cables as well as the convenience of APC to UPC fiber adapter cables both offered in a rugged Military Tactical deployment cable. Features the same tactical used in broadcast applications requiring an outdoor rated crush and impact resistant design. The tough Polyurethane Core-Locked design is perfect for any situation where ordinary PVC jacket cables do not provide adequate protection in the field. Featuring Senko ST and LC premium fiber connectors. All assemblies are machine polished and 100% interferometer tested to industry standards. All products shipped with a complete set of test documentation.



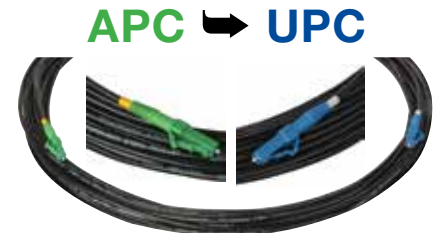
Singlemode APC LC to APC LC	
50' HF-T1ALCALC-0050	Discount \$78.95
100' HF-T1ALCALC-0100	Discount \$101.17
250' HF-T1ALCALC-0250	Discount \$210.78
500' HF-T1ALCALC-0500	Discount \$375.56

\*Other Lengths Available  
- Please contact sales



Singlemode APC SC to APC SC	
50' HF-T1ASCASC-0050	Discount \$78.95
100' HF-T1ASCASC-0100	Discount \$101.17
250' HF-T1ASCASC-0250	Discount \$210.78
500' HF-T1ASCASC-0500	Discount \$375.56

\*Other Lengths Available  
- Please contact sales



Singlemode APC LC to UPC LC	
50' HF-T1ALCLC-0050	Discount \$78.95
100' HF-T1ALCLC-0100	Discount \$101.17
250' HF-T1ALCLC-0250	Discount \$210.78
500' HF-T1ALCLC-0500	Discount \$375.56

\*Other Lengths Available  
- Please contact sales

## HYMOD SMPTE Hybrid Modular Patch Panel

*Design Your Own Perfect SMPTE Hybrid Patch Panel!*

Available in 8 position 2RU or 6 position 1RU, this modular SMPTE Hybrid patch panel system provides a robust and modular design allowing quick and easy on-site maintenance and replacement of any module saving time and money. Fully customizable - mix & match modules to add Triax, ST and other connector configurations to your SMPTE Hybrid panel at any time. The HYMOD system is more advanced than other SMPTE modular patch panel systems on the market with special improvements such as a more compact design and adjustments to flush or recess the entire panel in your rack.

Custom modules available on special order.

**Super Serviceable!**



**1RU or 2RU  
Frame Kits!**

**HYMOD  
SERIES**

**FEATURES:**

- Heavy Duty Universal 1RU & 2RU Frame Kits
- Choose up to 8 Interchangeable Modules
- Mix or Match SMPTE 311M, opticalCON, Triax & More
- Quick Change Modules for On-site Maintenance
- Custom Modules & Plates Available

**HYMOD-FR1 • Empty 1RU Frame Kit - Accepts Any 6 Modules Below • \$139.93**

**HYMOD 1RU Frame Modules with Connectors (Choose up to 6 Modules)**

<b>HYMOD-1R01</b>	SMPTE FXW Plug to 2 ST Fiber & 5-Pin AMP.....	<b>Discount \$626.17</b>
<b>HYMOD-1R02</b>	SMPTE EDW Jack to 2 ST Fiber & 5-Pin AMP.....	<b>Discount \$530.25</b>
<b>HYMOD-1R03</b>	SMPTE FXW Plug to 2 ST Fiber & 8-Pin AMP.....	<b>Discount \$636.47</b>
<b>HYMOD-1R04</b>	SMPTE EDW Jack to 2 ST Fiber & 8-Pin AMP.....	<b>Discount \$555.57</b>
<b>HYMOD-1R05</b>	SMPTE FXW Plug to 2 ST Fiber & 6-Pin AMP.....	<b>Discount \$507.90</b>
<b>HYMOD-1R06</b>	SMPTE EDW Jack to 2 ST Fiber & 6-Pin AMP.....	<b>Discount \$409.17</b>
<b>HYMOD-1R07</b>	4 Senko ST Fiber Feedthrus .....	<b>Discount \$21.69</b>
<b>HYMOD-1R08</b>	opticalCON Duo LC Feedthru .....	<b>Discount \$122.28</b>
<b>HYMOD-1R09</b>	3 BNC Feedthrus .....	<b>Discount \$38.60</b>
<b>HYMOD-1R10</b>	Blank Panel for 1RU Frame Kit .....	<b>Discount \$13.25</b>

**Note: 1RU Frame Modules are Not Compatible with 2RU System Modules.**

**HYMOD-FR2 • Empty 2RU Frame Kit - Accepts Any 8 Modules Below • \$138.39**

**HYMOD 2RU Frame Modules (Choose up to 8)**

<b>HYMOD-2R01</b>	SMPTE FXW Plug to 2 ST Fiber & 5-Pin AMP.....	<b>Discount \$626.17</b>
<b>HYMOD-2R02</b>	SMPTE EDW Jack to 2 ST Fiber & 5-Pin AMP.....	<b>Discount \$533.09</b>
<b>HYMOD-2R03</b>	SMPTE FXW Plug to 2 ST Fiber & 8-Pin AMP.....	<b>Discount \$559.84</b>
<b>HYMOD-2R04</b>	SMPTE EDW Jack to 2 ST Fiber & 8-Pin AMP.....	<b>Discount \$458.08</b>
<b>HYMOD-2R05</b>	SMPTE FXW Plug to 2 ST Fiber & 6-Pin AMP.....	<b>Discount \$522.15</b>
<b>HYMOD-2R06</b>	SMPTE EDW Jack to 2 ST Fiber & 6-Pin AMP.....	<b>Discount \$422.78</b>
<b>HYMOD-2R07</b>	4 Senko ST Fiber Feedthrus .....	<b>Discount \$23.54</b>
<b>HYMOD-2R08</b>	opticalCON Duo LC Feedthru .....	<b>Discount \$123.56</b>
<b>HYMOD-2R09</b>	4 BNC Feedthrus .....	<b>Discount \$46.71</b>
<b>HYMOD-2R10</b>	Blank Panel for 2RU Frame Kit .....	<b>Discount \$13.42</b>
<b>HYMOD-2R11</b>	Triax Feed-Thru.....	<b>Discount \$187.40</b>

## HY45 SERIES

### "HY45" Series 45° 8-Position 2RU Modular Patch Panels

*Unique 45 Degree 2RU System Perfect for SMPTE Hybrid!*

Design and build custom connector panels and cabinets using the "HY45" modular components. Assembles easily using our unique 45 degree 8 position 2RU rack panel as a starting point and filling it with up to 8 pre-punched modules and your connectors and SMPTE Hybrid breakout cables. All hardware sits flush to create a professional all black appearance with no unsightly gaps.

**Custom Plates & Engraving Available!**

<b>HY45-45D2RU</b>	45 Degree 2RU 8-Position Empty Rack Frame .....	<b>Discount \$129.95</b>
	(order up to 8 module plates below)	
<b>HY45-90D2RU</b>	2RU Flat 8-Position Empty Rack Frame .....	<b>Discount \$129.95</b>
	(order up to 8 module plates below)	

**FULLY ASSEMBLED UNITS ALSO AVAILABLE.**

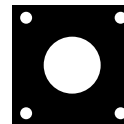
### HY45 Pre-Punched Frame Modules - Connectors not provided

(order up to 8 empty pre-punched module plates below - mounting hardware included)

<b>HY45-101</b>	LEMO SMPTE Plug or Jack (Accommodates Both).....	<b>Discount \$17.99</b>
<b>HY45-101-SPLIT</b>	LEMO SMPTE Split Plate for Plug or Jack (Accommodates Both) .....	<b>Discount \$17.99</b>
<b>HY45-102</b>	Bank of 2 ST Fiber Feedthrus.....	<b>Discount \$20.46</b>
<b>HY45-103</b>	Bank of 4 ST Fiber Feedthrus.....	<b>Discount \$20.46</b>
<b>HY45-104</b>	Triax Male Plug (With Back Clamp Style Attachment System) .....	<b>Discount \$79.10</b>
<b>HY45-105</b>	Triax Female Jack or Female to Female Barrel (Accommodates Both Kings and Canare Triax) .....	<b>Discount \$18.60</b>
<b>HY45-106</b>	Dual ST and AMP 5-Pin or 8-Pin Power .....	<b>Discount \$18.48</b>
<b>HY45-108</b>	Bank of 2 LC Fiber Feedthrus.....	<b>Discount \$17.99</b>
<b>HY45-109</b>	Bank of 4 LC Fiber Feedthrus.....	<b>Discount \$22.46</b>
<b>HY45-110</b>	Bank of 2 BNC Feedthrus .....	<b>Discount \$20.46</b>
<b>HY45-111</b>	Bank of 4 BNC Feedthrus .....	<b>Discount \$20.46</b>
<b>HY45-112</b>	Universal XLR Female Punchouts (Neutrik opticalCON Duo, FP, MP, MDL, FDL).....	<b>\$20.68</b>
<b>HY45-114</b>	Blank Plate.....	<b>Discount \$17.76</b>



**Fits In Your Rack Facing In or Out!**



**HY45-90D2RU 90° Rack Panel Also Available**  
(Compatible with all HY45 modules, cabinets & backplates)



**Add an Enclosed Cabinet!**

**HY45-BX1** Enclosed 2RU aluminum cabinet that mates with the HY45-45D2RU 8 Position 45 Degree 2RU modular rack panel (not included). Rear panel of enclosed cabinet is blank for multi-use applications. Cabinet Dimensions: 9"D x 17"W x 3.5"H ..... **\$173.89**



**HY45-PL1** Optional rear plate for HY45-45D2RU & HY45-90D2RU rack frames. Pre-punched & labeled for use with SMPTE Hybrid breakout cables. 8 pre-punched positions accept 2 ST feedthrus and 1 AMP 5-pin or 8-pin power connector to use as a SMPTE Hybrid breakout box..... **\$116.83**

# SMPTE HYBRID ADAPTERS



## HDTV SMPTE HYBRID to ST Fiber Optic Adapters

Use Conventional Fiber with Your SMPTE Hybrid Cameras!

Convert SMPTE hybrid to conventional single mode ST fiber cable with these robust in-line adapters. Converting SMPTE Hybrid cables to conventional fiber cables lowers the cable cost and increases the distance for reliable camera connections. Extremely durable extruded aluminum housing for harsh production environments with fiber connectors recessed to prevent damage. Square design to prevent rolling. Dust covers included. Perfect for sports broadcasting, stadiums & more.

**HYDAP-F1** SMPTE 304M Female to Twin ST Fiber Connectors ..... Reg. \$399.95 • \$384.95

**HYDAP-M1** SMPTE 304M Male to Twin ST Fiber Connectors..... Reg. \$449.95 • \$424.95

Models also available with optional power tap to interface with camera CCU: 5-Pin or 8-Pin AMP CPC Connector or Male or Female XLR and are wired to the copper conductors of the SMPTE hybrid connector.



## HDTV SMPTE Hybrid to Neutrik opticalCON Fiber Optic Adapters

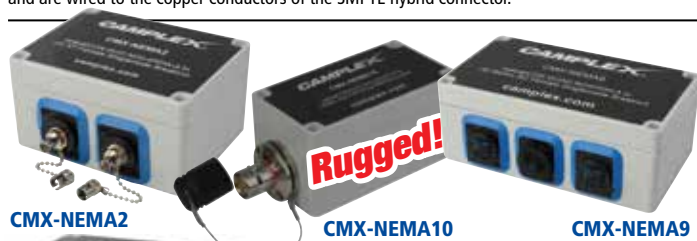
Convert SMPTE Hybrid to Neutrik opticalCON!

SMPTE 304M to Neutrik opticalCON DUO bulkhead standard LC fiber connector adapters. For use with conventional dual LC cables or with heavy duty opticalCON 2-channel cables.

**HYDAP-FNT1** SMPTE 304M Female to Neutrik opticalCON DUO..... Reg. \$629.95 • \$589.95 each

**HYDAP-MNT1** SMPTE 304M Male to Neutrik opticalCON DUO Adapter ..... Reg. \$669.00 • \$649.00 each

Models also available with optional power tap to interface with camera CCU: 5-Pin or 8-Pin AMP CPC Connector or Male or Female XLR and are wired to the copper conductors of the SMPTE hybrid connector.



### Complex SMPTE Hybrid & Neutrik opticalCON Fiber Optic Breakout Boxes

Handy rugged and weatherproof Complex fiber optic adapter-breakout boxes are used to adapt Neutrik opticalCON DUO and opticalCON QUAD connectors to SMPTE Hybrid, ST, LC or SC fiber connectors. All models are housed in a field serviceable NEMA weatherproof polycarbonate box with rubber gasket for rigorous indoor and outdoor use. Highest quality SENKO fiber connectors are used with integral metal dust caps.

CMX-NEMA2

CMX-NEMA10

CMX-NEMA9

CMX-NEMA7



### Singlemode opticalCON DUO Breakout Boxes

**CMX-NEMA1** opticalCON DUO to (2) LC Female ..... Discount \$287.63

**CMX-NEMA2** opticalCON DUO to (2) ST Female Breakout..... Discount \$294.80

**CMX-NEMA3** opticalCON DUO to (2) SC Female ..... Discount \$286.60

**CMX-NEMA10** opticalCON DUO to LEMO FXW SMPTE Hybrid ..... Discount \$610.13

**CMX-NEMA11** opticalCON DUO to LEMO EDW SMPTE Hybrid..... Discount \$549.95

### Singlemode opticalCON DUO 4-Pin XLR Power Breakout Boxes

**CMX-NEMA4** opticalCON DUO to 2 LC Female..... Discount \$235.93

**CMX-NEMA5** opticalCON DUO to 2 ST Female ..... Discount \$312.97

**CMX-NEMA6** opticalCON DUO to 2 SC Female..... Discount \$244.93

### OM3 Multimode opticalCON DUO Boxes

**CMX-NEMA1M** opticalCON DUO to (2) LC Female OM3 Multimode ..... \$265.53

**CMX-NEMA2M** opticalCON DUO to (2) ST Female Multimode..... \$244.91

**CMX-NEMA3M** opticalCON DUO to (2) SC Female Multimode ..... \$283.17

**CMX-NEMA7M** opticalCON QUAD NO4FDW-A to Duplex LC Female ..... \$309.84

**CMX-NEMA8M** opticalCON QUAD NO4FDW-A to (4) Senko ST Female .. \$328.39

**CMX-NEMA9M** opticalCON QUAD NO4FDW-A to (4) Senko SC Female .. \$274.96

### Singlemode opticalCON QUAD Boxes

**CMX-NEMA7** opticalCON QUAD NO4FDW-A to Duplex LC Female ..... \$291.95

**CMX-NEMA7X2** opticalCON QUAD NO4FDW-A to (2) opticalCON DUO... \$533.36

**CMX-NEMA8** opticalCON QUAD NO4FDW-A to (4) Senko ST Female... \$345.92

**CMX-NEMA9** opticalCON QUAD NO4FDW-A to (4) Senko SC Female \$286.83

**CMX-NEMA7X4** opticalCON QUAD NO4FDW-A to (4) opticalCON DUO... \$754.22

## Complex opticalCON to ST & LC Breakout Adapters

Connect your opticalCON Duo and Quad cables to standard ST and LC fiber optic connectors with these handy in-line adapters by Complex. Rugged yet lightweight design is perfect to strap to cameras and other gear, 1 meter cable length with Techflex protective tubing for years of professional use.



**OPADAP-1** opticalCON Duo 2 LC breakout adapter multimode..... \$179.95

**OPADAP-2** opticalCON Duo 2 LC breakout adapter singlemode ..... \$179.95

**OPADAP-3** opticalCON Quad 4 LC breakout adapter multimode..... \$179.95

**OPADAP-4** opticalCON Quad 4 LC breakout adapter singlemode ..... \$179.95

**OPADAP-5** opticalCON Duo 2 ST breakout adapter multimode..... \$179.95

**OPADAP-6** opticalCON Duo 2 ST breakout adapter singlemode..... \$179.95

**OPADAP-7** opticalCON Quad 4 ST breakout adapter multimode..... \$179.95

**OPADAP-8** opticalCON Quad 4 ST breakout adapter singlemode..... \$179.95

**OPADAP-9** opticalCON Duo 2 LC/APC breakout adapter singlemode..... \$179.95

**OPADAP-10** opticalCON Duo 2 SC/APC breakout adapter singlemode ..... \$179.95

**OPADAP-11** opticalCON Quad 4 LC/APC breakout adapter singlemode ..... \$179.95

**OPADAP-12** opticalCON Quad 4 SC/APC breakout adapter singlemode ..... \$179.95

## ST Fiber Optical Rack Mount Feed-Thru Panels



Handy and pre-engineered rack panels for bulkhead optical fiber feed-thru patching requirements. Heavy gauge USA made steel panels for long lasting durability preloaded with ST couplers for feed thru of fiber optic cables.

**HF-OPRP-1** 12-Port, Simplex ST-ST Singlemode, 1RU..... Discount \$104.53

**HF-OPRP-2** 24-Port, Simplex ST-ST Singlemode, 2RU..... Discount \$176.06

**HF-OPRP-3** 12-Port, Simplex ST-ST Multimode, 1RU ..... Discount \$94.95

**HF-OPRP-4** 24-Port, Simplex ST-ST Multimode, 2RU ..... Discount \$173.17

**HF-OPRP-5** 12-Port, Duplex ST-ST Singlemode, 1RU ..... Discount \$148.26

**HF-OPRP-6** 24-Port, Duplex ST-ST Singlemode, 2RU ..... Discount \$350.01

**HF-OPRP-7** 12-Port, Duplex ST-ST Multimode, 1RU ..... Discount \$152.88

**HF-OPRP-8** 24-Port, Duplex ST-ST Multimode, 2RU ..... Discount \$287.77



**Yellow Simplex Singlemode**

**Simplex 9-micron Singlemode Fiber Optic Jumper Patch Cables**

**9-micron Singlemode are available with ST, SC, LC Connectors**

Features a 9-µm core and 125-µm cladding. • Simplex cords • Ideal for patching singlemode backbones, high-speed network devices & AV transmission systems • Ceramic ferrules for long-lasting reliability and precision.

**ST to ST Simplex Singlemode**

SMS9-ST-ST-001	1m (3.3')	\$14.48
SMS9-ST-ST-002	2m (6.6')	\$15.04
SMS9-ST-ST-003	3m (9.9')	\$15.63
SMS9-ST-ST-004	4m (13.1')	\$16.79
SMS9-ST-ST-005	5m (16.4')	\$17.95
SMS9-ST-ST-010	10m (33')	\$19.67
SMS9-ST-ST-015	15m (49')	\$42.95
SMS9-ST-ST-030	30m (99')	\$69.88
SMS9-ST-ST-050	50m (164')	\$88.45
SMS9-ST-ST-075	75m (246')	\$111.95
SMS9-ST-ST-100	100m (328')	\$122.88
SMS9-ST-ST-150	150m (492')	\$144.49
SMS9-ST-ST-200	200m (656')	\$168.18
SMS9-ST-ST-300	300m (984')	\$288.72
SMS9-ST-ST-450	450m (1475')	\$386.17
SMS9-ST-ST-600	600m (1968')	\$496.53

**LC to LC Simplex Singlemode**

SMS9-LC-LC-001	1m (3.3')	\$20.73
SMS9-LC-LC-002	2m (6.6')	\$21.32
SMS9-LC-LC-003	3m (9.9')	\$21.88
SMS9-LC-LC-004	4m (13.1')	\$22.28
SMS9-LC-LC-005	5m (16.4')	\$23.04
SMS9-LC-LC-010	10m (33')	\$25.95
SMS9-LC-LC-015	15m (49')	\$57.00
SMS9-LC-LC-030	30m (99')	\$68.23
SMS9-LC-LC-050	50m (164')	\$83.17
SMS9-LC-LC-075	75m (246')	\$101.92
SMS9-LC-LC-100	100m (328')	\$120.71
SMS9-LC-LC-150	150m (492')	\$165.41
SMS9-LC-LC-200	200m (656')	\$204.64
SMS9-LC-LC-300	300m (984')	\$271.15
SMS9-LC-LC-450	450m (1475')	\$386.17
SMS9-LC-LC-600	600m (1968')	\$496.53

**ST to SC Simplex Singlemode**

SMS9-ST-SC-001	1m (3.3')	\$13.50
SMS9-ST-SC-002	2m (6.6')	\$14.04
SMS9-ST-SC-003	3m (9.9')	\$14.58
SMS9-ST-SC-004	4m (13.1')	\$16.10
SMS9-ST-SC-005	5m (16.4')	\$15.66
SMS9-ST-SC-010	10m (33')	\$18.36

*Longer Lengths Available on our Website.*

**SC to SC Simplex Singlemode**

SMS9-SC-SC-001	1m (3.3')	\$13.50
SMS9-SC-SC-002	2m (6.6')	\$14.04
SMS9-SC-SC-003	3m (9.9')	\$14.58
SMS9-SC-SC-004	4m (13.1')	\$15.12
SMS9-SC-SC-005	5m (16.4')	\$15.66
SMS9-SC-SC-010	10m (33')	\$18.36

*Longer Lengths Available on our Website.*



**Yellow Duplex Singlemode**

**Duplex 9-micron Singlemode Fiber Optic Jumper Patch Cables**

**9-micron Singlemode are available with ST, SC, LC Connectors**

Features a 9-µm core and 125-µm cladding. • Duplex cable is joined together in a zipcord style for easy separation. • Ideal for patching singlemode backbones, high-speed network devices & AV transmission systems • Ceramic ferrules for long-lasting reliability and precision.

**ST to ST Duplex Singlemode**

SMD9-ST-ST-001	1m (3.3')	\$15.95
SMD9-ST-ST-002	2m (6.6')	\$16.49
SMD9-ST-ST-003	3m (9.9')	\$28.45
SMD9-ST-ST-004	4m (13.1')	\$29.08
SMD9-ST-ST-005	5m (16.4')	\$31.91
SMD9-ST-ST-010	10m (33')	\$35.74
SMD9-ST-ST-015	15m (49')	\$73.39
SMD9-ST-ST-030	30m (99')	\$90.66
SMD9-ST-ST-050	50m (164')	\$114.45
SMD9-ST-ST-075	75m (246')	\$144.26
SMD9-ST-ST-100	100m (328')	\$163.71
SMD9-ST-ST-150	150m (492')	\$233.20
SMD9-ST-ST-200	200m (656')	\$292.56
SMD9-ST-ST-300	300m (984')	\$411.15
SMD9-ST-ST-450	450m (1475')	\$588.97
SMD9-ST-ST-600	600m (1968')	\$622.88

**LC to LC Duplex Singlemode**

SMD9-LC-LC-001	1m (3.3')	\$15.95
SMD9-LC-LC-002	2m (6.6')	\$16.49
SMD9-LC-LC-003	3m (9.9')	\$30.70
SMD9-LC-LC-005	5m (16.4')	\$32.12
SMD9-LC-LC-010	10m (33')	\$38.26
SMD9-LC-LC-015	15m (49')	\$73.55
SMD9-LC-LC-030	30m (99')	\$90.60
SMD9-LC-LC-050	50m (164')	\$114.30
SMD9-LC-LC-075	75m (246')	\$144.11
SMD9-LC-LC-100	100m (328')	\$171.19
SMD9-LC-LC-150	150m (492')	\$219.95
SMD9-LC-LC-200	200m (656')	\$229.95
SMD9-LC-LC-300	300m (984')	\$289.95
SMD9-LC-LC-450	450m (1475')	\$389.95
SMD9-LC-LC-600	600m (1968')	\$772.46

**ST to SC Duplex Singlemode**

SMD9-ST-SC-001	1m (3.3')	\$15.95
SMD9-ST-SC-002	2m (6.6')	\$16.49
SMD9-ST-SC-003	3m (9.9')	\$29.45
SMD9-ST-SC-004	4m (13.1')	\$30.24
SMD9-ST-SC-005	5m (16.4')	\$31.91
SMD9-ST-SC-010	10m (33')	\$34.95

*Longer Lengths Available on our Website.*

**SC to SC Duplex Singlemode**

SMD9-SC-SC-001	1m (3.3')	\$15.95
SMD9-SC-SC-002	2m (6.6')	\$16.49
SMD9-SC-SC-003	3m (9.9')	\$28.45
SMD9-SC-SC-004	4m (13.1')	\$29.08
SMD9-SC-SC-005	5m (16.4')	\$31.91
SMD9-SC-SC-010	10m (33')	\$35.74

*Longer Lengths Available on our Website.*



**10-Gig Aqua Simplex Multimode**

**OM3 10-Gig Simplex Multimode Riser UPC 50/125u Cables**

50µm "patch cord" cables ideal for links between electronic equipment and main fiber optic cables • Resilient and flexible • Suitable for general-purpose indoor use • 100% factory tested • Riser rated • 1.6mm aqua jacket • 2.5" Minimum bend radius (operating)

**OM3 ST to ST Simplex Multimode**

MMS50-ST-ST-001	1m (3.3')	\$13.40
MMS50-ST-ST-003	3m (9.9')	\$14.94
MMS50-ST-ST-005	5m (16.4')	\$16.48

*Longer Lengths Available on our Website.*

**OM3 ST to LC Simplex Multimode**

MMS50-ST-LC-001	1m (3.3')	\$15.43
MMS50-ST-LC-003	3m (9.9')	\$16.97
MMS50-ST-LC-005	5m (16.4')	\$20.83

*Longer Lengths Available on our Website.*

**OM3 ST to SC Simplex Multimode**

MMS50-ST-SC-001	1m (3.3')	\$13.40
MMS50-ST-SC-003	3m (9.9')	\$14.94
MMS50-ST-SC-005	5m (16.4')	\$16.48

*Longer Lengths Available on our Website.*

**OM3 LC to LC Simplex Multimode**

MMS50-LC-LC-001	1m (3.3')	\$15.43
MMS50-LC-LC-003	3m (9.9')	\$16.97
MMS50-LC-LC-005	5m (16.4')	\$20.83

*Longer Lengths Available on our Website.*

**OM3 LC to SC Simplex Multimode**

MMS50-LC-SC-001	1m (3.3')	\$15.43
MMS50-LC-SC-003	3m (9.9')	\$16.97
MMS50-LC-SC-005	5m (16.4')	\$20.83

*Longer Lengths Available on our Website.*

**OM3 SC to SC Simplex Multimode**

MMS50-SC-SC-001	1m (3.3')	\$13.40
MMS50-SC-SC-003	3m (9.9')	\$14.94
MMS50-SC-SC-005	5m (16.4 ft.)	\$16.48

*Longer Lengths Available on our Website.*



**OM1 Orange Multimode 62.5/125u Simplex Cables**

Performance series ST to ST 62.5/125 Simplex Multimode fiber optic cables • Manufactured with high quality components, these fiber optic patch cables feature Orange OFNR jackets

**OM1 ST to ST Simplex Multimode**

MMS62-ST-ST-001	1m (3.3')	\$10.31
MMS62-ST-ST-003	3m (9.9')	\$11.67
MMS62-ST-ST-005	5m (16.4')	\$13.01

*Longer Lengths Available on our Website.*

**OM1 LC to LC Simplex Multimode**

MMS62-LC-LC-001	1m (3.3')	\$13.40
MMS62-LC-LC-003	3m (9.9')	\$14.76
MMS62-LC-LC-005	5m (16.4')	\$16.10

*Longer Lengths Available on our Website.*

**OM1 SC to SC Simplex Multimode**

MMS62-SC-SC-001	1m (3.3')	\$10.31
MMS62-SC-SC-003	3m (9.9')	\$11.67
MMS62-SC-SC-005	5m (16.4')	\$13.01

*Longer Lengths Available on our Website.*



**10-Gig Aqua Duplex Multimode**

**10 Gigabit Duplex 50-micron Multimode Fiber Optic Jumper Patch Cables**

**Duplex 10-Gig Cables available with ST, SC, LC Connectors**

Features a Laser-Optimized 50-µm core and 125-µm cladding. • Use with both LED and VCSEL laser light sources. • Designed for use in 10-Gigabit Ethernet applications. • Duplex cable is joined together in a zipcord style for easy separation. • Ceramic ferrules for long-lasting reliability and precision.

**OM3 ST to ST Duplex Multimode**

MMD50-ST-ST-001	1m (3.3')	\$23.04
MMD50-ST-ST-002	2m (6.6')	\$24.20
MMD50-ST-ST-003	3m (9.9')	\$25.35
MMD50-ST-ST-005	5m (16.4')	\$27.67
MMD50-ST-ST-010	10m (33')	\$29.88

*Longer Lengths Available on our Website.*

**OM3 LC to LC Duplex Multimode**

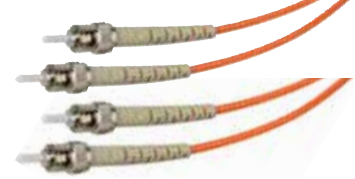
MMD50-LC-LC-001	1m (3.3')	\$24.97
MMD50-LC-LC-002	2m (6.6')	\$25.55
MMD50-LC-LC-003	3m (9.9')	\$27.28
MMD50-LC-LC-005	5m (16.4')	\$29.60
MMD50-LC-LC-010	10m (33')	\$35.38

*Longer Lengths Available on our Website.*

**OM3 SC to SC Duplex Multimode**

MMD50-SC-SC-001	1m (3.3')	\$23.04
MMD50-SC-SC-002	2m (6.6')	\$24.20
MMD50-SC-SC-003	3m (9.9')	\$25.35
MMD50-SC-SC-005	5m (16.4')	\$27.67
MMD50-SC-SC-010	10m (33')	\$28.39

*Longer Lengths Available on our Website.*



**OM1 Orange Multimode 62.5/125u Duplex Cables**

Performance series ST to ST 62.5/125 Duplex Multimode fiber optic cables • Manufactured with high quality components, these fiber optic patch cables feature Orange OFNR jackets • Ideal for patching multimode backbones to high-speed network devices & fiber optic AV transmission

**OM1 ST to ST Duplex Multimode**

MMD62-ST-ST-001	1m (3.3')	\$19.29
MMD62-ST-ST-003	3m (9.9')	\$21.60
MMD62-ST-ST-005	5m (16.4')	\$23.91

*Longer Lengths Available on our Website.*

**OM1 LC to LC Duplex Multimode**

MMD62-LC-LC-001	1m (3.3')	\$25.95
MMD62-LC-LC-003	3m (9.9')	\$29.13
MMD62-LC-LC-005	5m (16.4')	\$32.30

*Longer Lengths Available on our Website.*

**OM1 SC to SC Duplex Multimode**

MMD62-SC-SC-001	1m (3.3')	\$19.29
MMD62-SC-SC-003	3m (9.9')	\$21.60
MMD62-SC-SC-005	5m (16.4')	\$23.91

*Longer Lengths Available on our Website.*



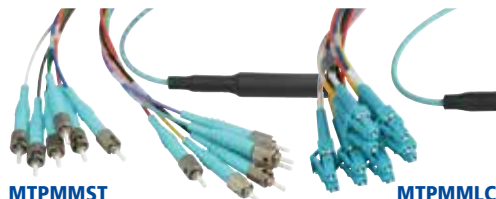
## Camplex MTP Elite Fiber Breakout Cables

- Low insertion loss and optimized optical return loss values
- Designed for permanent external breakout installations
- ST and LC breakout connectors
- Made and tested in the USA



**EXTERNAL BREAKOUTS** are ideal for rack-to-rack or rack-to-equipment installations in the studio or for field deployment.

**INTERNAL BREAKOUTS** are ideal for rack cabinets, splice boxes, and field enclosures.



MTPMMST

MTPMMLC



MTPSMLC

MTPSMST

### Camplex MTP Elite PC Male to 12 LC or ST PC Internal OM3 Multimode Fiber Breakout Cables

CMX-MTPMMLC	18" PC Male to 12 LC PC Internal.....	<b>Discount \$235.95</b>
CMX-MTPMMST	18" PC Male to 12 ST PC Internal.....	<b>Discount \$239.95</b>

### Camplex MTP Elite APC Male to 12 LC or ST UPC Internal Single Mode Fiber Breakout Cables

CMX-MTPSMLC	18" APC Male to 12 fiber LC UPC Internal.....	<b>Discount \$276.49</b>
CMX-MTPSMST	18" APC Male to 12 fiber ST UPC Internal.....	<b>Discount \$276.95</b>

### Camplex MTP Elite PC Male to 12 LC or ST PC External OM3 Multimode Fiber Breakout Cables

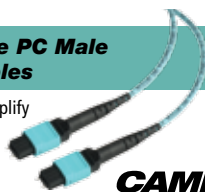
CMX-MTPMMLC-003	3' PC Male to 12 LC PC External.....	<b>Discount \$212.95</b>
CMX-MTPMMLC-010	10' PC Male to 12 LC PC External.....	<b>Discount \$221.95</b>
CMX-MTPMMST-003	3' PC Male to 12 ST PC External.....	<b>Discount \$265.95</b>
CMX-MTPMMST-010	10' PC Male to 12 ST PC External.....	<b>Discount \$274.49</b>

### Camplex MTP Elite APC Male to 12 LC or ST UPC External Single Mode Fiber Breakout Cables

CMX-MTPSMLC-003	3' APC Male to 12 LC UPC External.....	<b>Discount \$322.49</b>
CMX-MTPSMLC-010	10' APC Male to 12 LC UPC External.....	<b>Discount \$326.49</b>
CMX-MTPSMST-003	3' APC Male to 12 ST UPC External.....	<b>Discount \$321.49</b>
CMX-MTPSMST-010	10' APC Male to 12 ST UPC External.....	<b>Discount \$325.49</b>

### Camplex MTP Elite PC Male to MTP Elite PC Male 12 Fiber OM3 Multimode Trunk Cables

Multimode fiber trunk cables with OFNP plenum rated jackets simplify connections and reduce installation time by running 12 fibers in one cable. Ruggedized Camplex trunks save space for permanent broadcast AV installations and data transmission for rack-to-rack connection, MTP chassis mount, fan out boxes, and fan out rack enclosures.



CMX-MTPMM-003	3' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$151.49</b>
CMX-MTPMM-006	6' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$153.49</b>
CMX-MTPMM-010	10' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$161.95</b>
CMX-MTPMM-015	15' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$162.95</b>

### Camplex MTP Elite PC Male to MTP Elite PC Male 12 Fiber Single Mode Trunk Cables

Single mode fiber trunk cables with OFNP plenum rated jackets simplify connections and reduce installation time by running 12 fibers in one cable. Ruggedized Camplex trunks save space for permanent broadcast AV installations and data transmission for rack-to-rack connection, MTP chassis mount, fan out boxes, and fan out rack enclosures.



CMX-MTPSM-003	3' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$194.95</b>
CMX-MTPSM-006	6' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$196.95</b>
CMX-MTPSM-010	10' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$198.95</b>
CMX-MTPSM-015	15' MTP Elite PC Male to MTP Elite PC Male.....	<b>\$202.49</b>

MTPDUO

MTP12ST

MTPQUAD



### Camplex NEMA MTP Breakout Boxes

OpticalCON MTP NO12FDW-A to 6 SM DUO N02-4FDW-1A	CMX-NEMA-MTPDUO.....	<b>Discount \$1569.95</b>
OpticalCON MTP NO12FDW-A to 3 SM QUAD N04FDW-A	CMX-NEMA-MTPQUAD.....	<b>Discount \$1049.95</b>
OpticalCON MTP NO12FDW-A to 12 ST Female Single Mode	CMX-NEMA-MTP12ST.....	<b>Discount \$929.95</b>
Rackmount OpticalCON MTP NO12FDW-A to 6 SM DUO N02-4FDW-1A	CMX-1RM-MTPDUO.....	<b>Discount \$1669.95</b>
Rackmount OpticalCON MTP NO12FDW-A to 3 SM QUAD N04FDW-A	CMX-1RM-MTPQUAD.....	<b>Discount \$1169.95</b>
Rackmount OpticalCON MTP NO12FDW-A to 12 ST Female Single Mode	CMX-1RM-MTP12ST.....	<b>Discount \$1049.95</b>

Camplex MTP breakout boxes are a convenient way to breakout your MTP cables to a variety of other connectivity formats and are ideal for rigorous indoor and outdoor use. The Camplex breakout box allows adaption from opticalCON MTP NO12FDW-A connectors to 12 ST female single mode chassis mount connectors. Lightweight NEMA boxes include dust caps for dust and weather resistance and include rubber feet to prevent sliding.

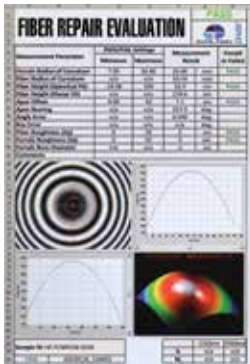
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- Singlemode & Multimode Assemblies Including Riser Rated and Plenum Rated Cables
- SMPTE Hybrid 311M Repair and Replacement
- OTDR & TDR Testing
- Complete Cleaning, Repair & Re-Boot Services
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Saugerties, NY 12477  
[fiberrepair@markertek.com](mailto:fiberrepair@markertek.com)

Please include full contact information with your defective fiber optic cables.



Our fiber lab has been officially recognized for achieving the industry's highest level in quality & standards by earning Canare, Neutrik opticalCON & LEMO Certification. Our cables passed vigorous testing in multiple environments on the first attempt!



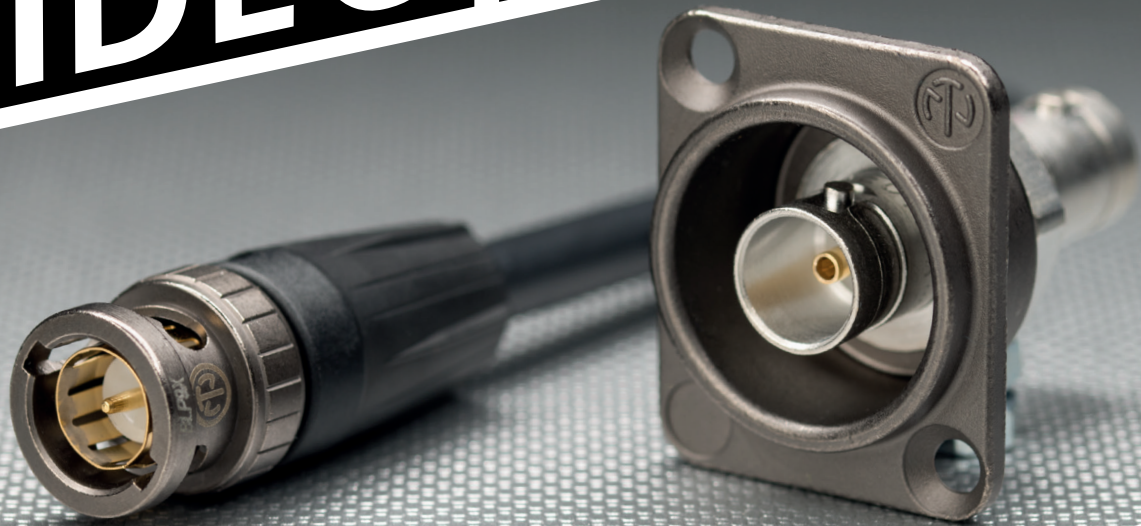
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With the transition to 4K or even 8K-signals the impedance of BNC connectors became more important than ever. Every deviate impedance has a negative influence on return loss and VSWR (Voltage Standing Wave Ratio). Especially on high data rates up to 24 Gb/s, as they occur when transmitting ultra high definition (UHD) signals, an impedance mismatch results in high return loss. Neutrik's new **rearTWIST® UHD BNC** connector is based on the proven **rearTWIST®** design and specifically optimized for high resolution video signals.

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