

The
**Smart
Choice**
For a Better
Network



**2017
CATALOGUE**
EUROPE



Industry-Leading **PRODUCTS**



**Atlas-X1™
Copper Jacks**
page A8



**e2XHD Copper and
Fibre Patching**
pages A23, B26



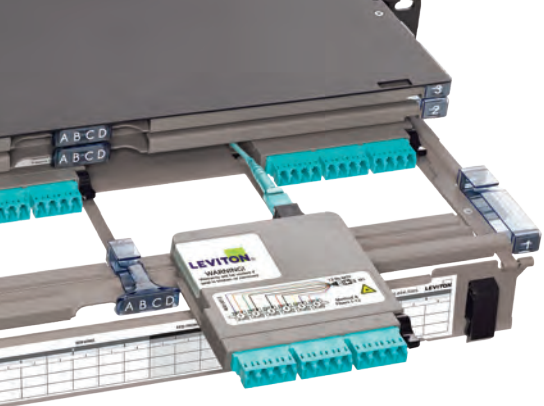
Copper Patch Cords
pages A37-A42



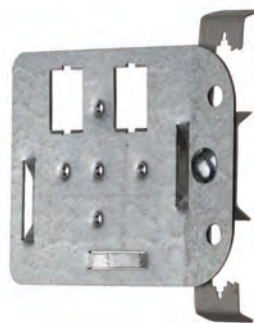
**Fibre Pre-Terminated
Cable Assemblies**
pages B37-B44



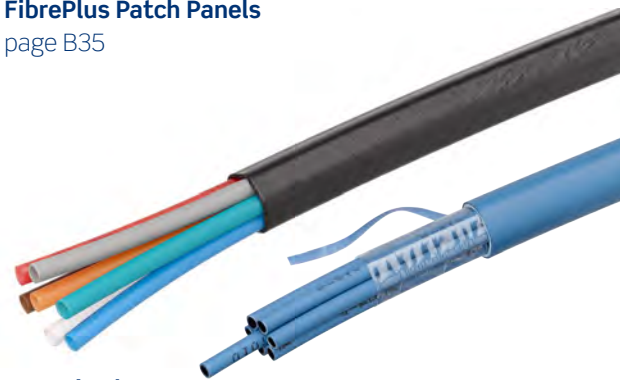
FibrePlus Patch Panels
page B35



HDX Fibre Platform
page B9



**QuickPort®
In-Ceiling Bracket**
page C4



**Air-Blown
Fibre Systems**
page B65



SmartPatch® Intelligent Infrastructure
page E3

Leviton Network Solutions and Brand-Rex have joined forces.

In 2015, Leviton acquired Brand-Rex.

Both companies were already recognised leaders in high-performance fibre and copper infrastructure, and now you have a stronger, single end-to-end global provider to connect your networks. With high-quality manufacturing in the US and UK, and with warehouses and sales and support staff around the globe, we can help you prepare your networks for future demand — wherever you are in the world.



COPPER
SOLUTIONS



FIBRE
SOLUTIONS



**HOUSINGS &
FACEPLATES**



**CABLE
MANAGEMENT**

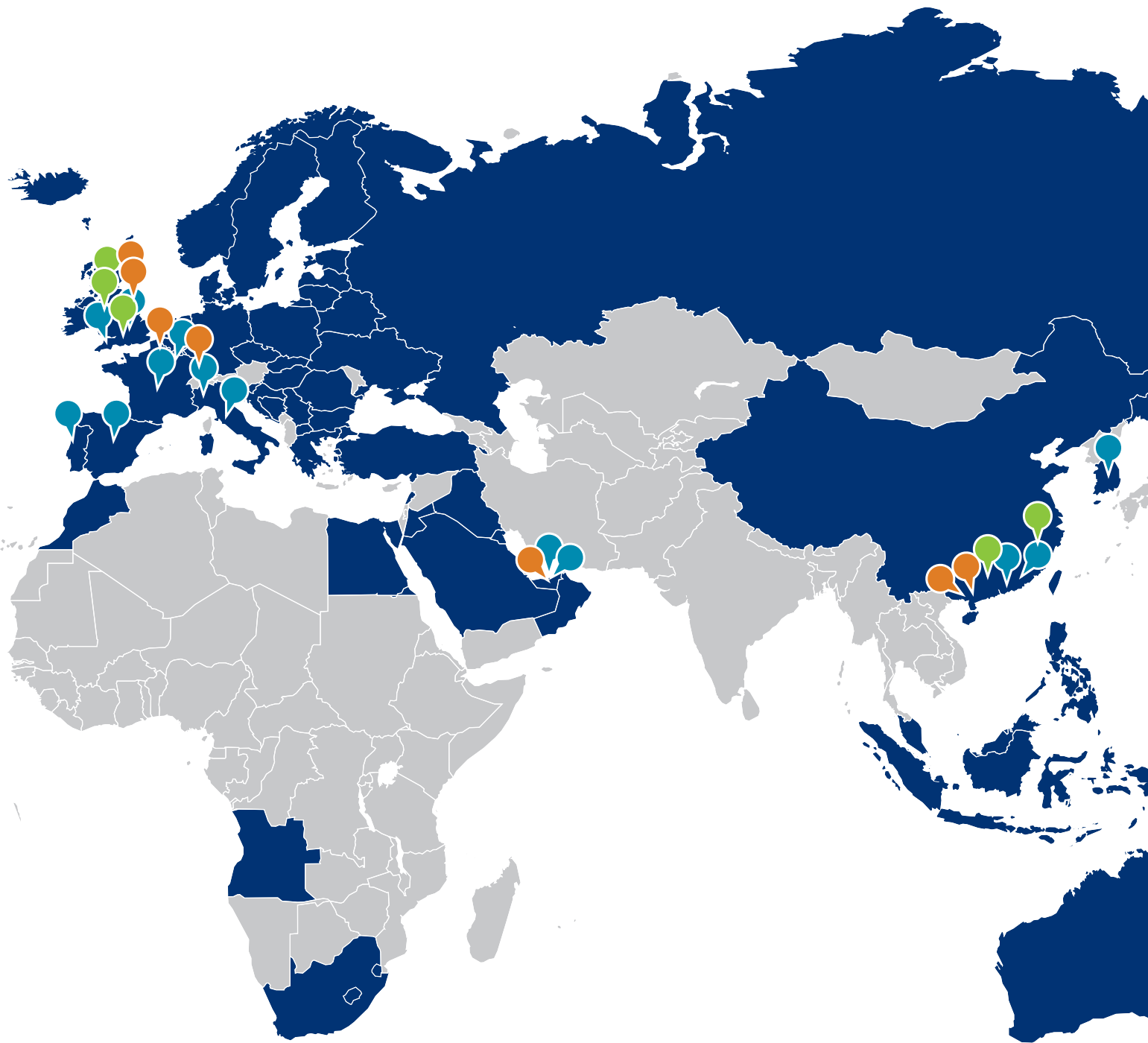


**INTELLIGENT
INFRASTRUCTURE**



Connecting Customers **AROUND THE GLOBE**

Leviton and Brand-Rex manufacture products to meet global requirements, and we place those products strategically around the world. With distribution locations on every continent, we're ready to serve customers in every location and every industry. So whether you are in California, Colombia, Denmark or Dubai — you can expect the same exceptional quality and service.



100+

COUNTRIES

20

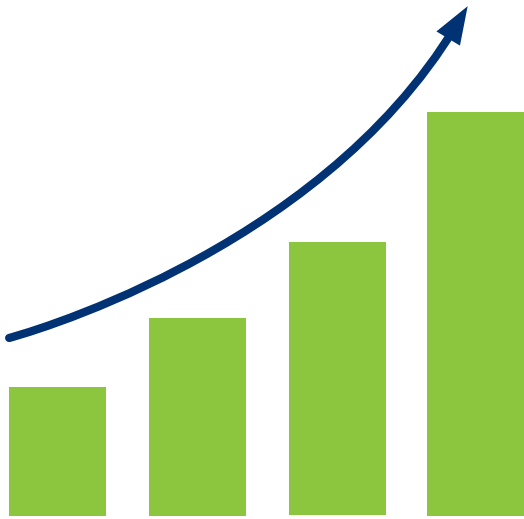
GLOBAL SALES
OFFICES

13

WAREHOUSES

16

MANUFACTURING
FACILITIES



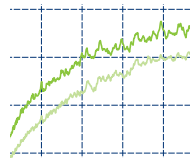
Outstanding **RETURN ON** Infrastructure **INVESTMENT** ROIi™

We understand that the best value comes from more than a high-quality, affordable product — it means delivering peace of mind. With unbeatable service, best-in-class support, and the reassurance that comes from working with an experienced, stable supplier, you get by far the highest return on infrastructure investment in the industry.



COMMITTED TO CUSTOMERS AND THE ENVIRONMENT —

We're dedicated to creating the exact solutions customers require while reducing our carbon footprint. In fact, Brand-Rex is the first carbon neutral structured cabling and connectivity supplier in the world.



QUALITY AND PERFORMANCE IN EVERY SOLUTION —

We put our products through rigorous testing for high performance margins in the field. Plus, our systems are tested and certified by independent labs, with reports posted on our website.



A CULTURE OF INGENUITY AND INNOVATION —

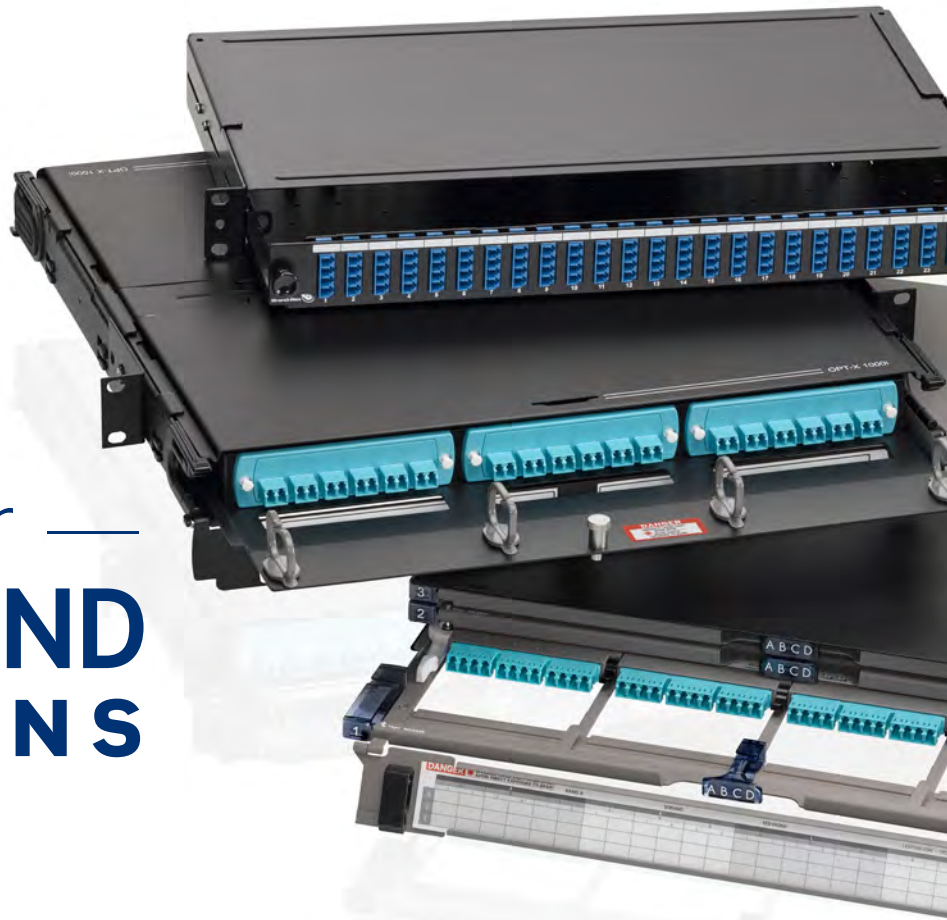
Leviton and Brand-Rex have hundreds of active datacom patents and numerous pioneering “industry firsts.” These solutions are created by our talented development teams who work in highly collaborative state-of-the-art environments.



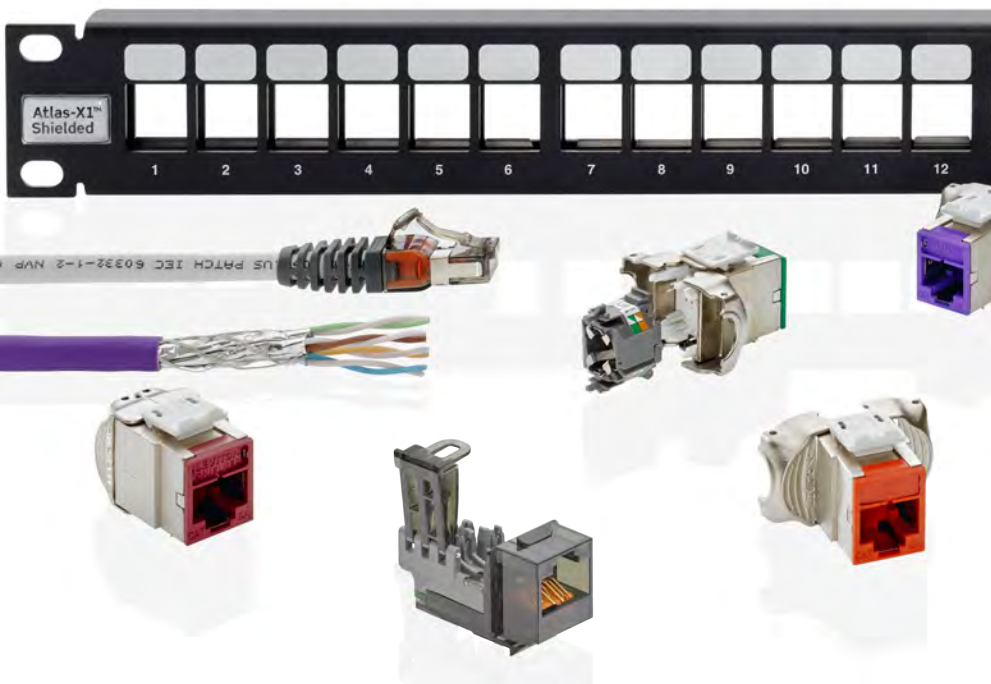
INDUSTRY'S BEST SERVICE AND SUPPORT —

Every installation is backed by responsive customer support. This includes a variety of technical teams, including data center design engineers, specification engineers, data center designers, and more.

— Premier — **END-TO-END SOLUTIONS**



Whether it's for a server room, conference room, operating room, or classroom, Leviton and Brand-Rex have complete end-to-end cabling systems for your specific network application. With robust connectivity built in ISO-certified facilities, the widest selection of patch panels on the market, and cable for every type of network, our infrastructure systems give customers access to a broad set of solutions. All from one provider.



**ADVANCED DATA
CENTRE SOLUTIONS**

**BEST-IN-CLASS CATEGORY-RATED
COPPER SYSTEMS**

**HIGH PERFORMANCE
OPTICAL FIBRE SYSTEMS**

**AUDIOVISUAL AND WORK
AREA CONNECTIVITY**

**INTELLIGENT INFRASTRUCTURE
MANAGEMENT**

COPPER SOLUTIONS



SECTION A CONTENTS

COPPER SYSTEMS	A3	Overview	CROSS CONNECT	A30	66 Blocks & Accessories
	A5	System Selection Chart		A31	Brand-Rex 110-Style Wiring Products
CATEGORY-RATED JACKS	A7	Introduction	COMPATIBILITY CHART	A35	Patch Panel and Jack Compatibility
	A8	Atlas-X1™			
	A9	eXtreme® & Jack Adaptors	PATCH CORDS	A37	Introduction
	A10	Brand-Rex 10GPlus® Cat 6A		A38	Cat 8
	A11	Brand-Rex Cat6Plus® Cat 6		A39	Cat 6A
	A12	Brand-Rex GigaPlus® Cat 5e		A41	Cat 6
AV CONNECTIVITY	A13	Connectors & Adaptors		A42	Cat 5e
	A14	RCA & F-Style	COPPER CABLES	A43	Introduction
	A15	Multimedia Outlet System Inserts, Modules, & Surface-Mount Boxes		A44	Cat 8, Cat 7A, & Cat 7 Shielded
PATCH PANELS & CROSS CONNECT	A17	Introduction		A45	Cat 6A Shielded
	A18	Patch Panel Selection Guide		A46	Cat 6A Unshielded
	A19	Flat Metal 110-Style		A47	Cat 6 Shielded
	A20	Flat Metal QuickPort®		A48	Cat 6 Unshielded
	A21	Flat Composite 110-Style & QuickPort		A49	Cat 5e Shielded
	A22	Angled 110-Style & QuickPort		A50	Cat 5e Unshielded
	A23	e2XHD Snap-In Cassette Patching System	COPPER TOOLS & LABELING	A51	Introduction
	A24	VertiGO® Zero-U QuickPort Unshielded & SDX		A52	Tools
	A25	Voice-Grade Panels & Labeling Solutions		A54	Labeling Solutions
	A26	Brand-Rex Flat 10GPlus Cat 6A Panels & Modules			
	A27	Brand-Rex Flat Cat6Plus Cat 6			
	A28	Brand-Rex Flat GigaPlus Cat 5e & Voice-Grade			
	A29	Brand-Rex Snap-In-Jack Patch Panels			

COPPER SYSTEMS

Our copper systems combine category-rated performance with high-density, user-friendly designs to deliver the industry's most innovative family of solutions. Whether you are supporting a large enterprise, data centre, or a small business infrastructure, we have the system to fit your needs. Refer to the system features below and on the following pages for an overview of our three copper system brands: Atlas-X1, eXtreme, and Plus.

SYSTEM FEATURES

Category 8 solutions

Plenum-rated

High-performance wireless and AV support

Advanced features (icons, shutters) for clear network ID and protection

Unified form factor (Cat 5e to Cat 8) and termination style for easy migration

Jack face category marking

13 colour options

Retention Force Technology in jacks protects tines and increases longevity

Jack pin array geometry minimises arcing/pitting damage in PoE applications

Third-party channel tested and verified

Up to 100-Watt PoE support

Performance exceeds the standard

Component-rated products available

Shielded systems for EMI/RFI protection

High-density shielded system with shorter depth jack for better bend radius



Atlas-X1

Mission Critical

A premium category-rated system that delivers the highest level of verified performance and reliability.



eXtreme

Enterprise

Pairs high quality and performance with a user-friendly design to support fast, easy installations.



Plus

Enterprise, Light Commercial

Proven performance and simple installation features allow for streamlined deployment.



COPPER SYSTEMS

Our copper systems are designed to give customers the right level of performance and value to fit their needs. These systems have been tested and verified to meet or exceed industry-standard performance.

Copper Systems

COPPER

	SHIELDED			
	CAT 8	CAT 6A	CAT 6	CAT 5E
ATLAS-X1™ , MISSION CRITICAL				
Jacks	81SJK-Rx8	6ASJK-xx6	61SJK-xx6	5ESJK-xx5
Patch Cords	81Z10-Sxx	AC6PCGxxx-*88HB	C6PCSxxx-*88HB	GPCPCFxxx-***H
Recommended Patch Panels			4S255-xxx 4S256-xxx	
EXTREME® UNSHIELDED, ENTERPRISE				
Jacks				
Patch Cords				
Recommended Patch Panels				
PLUS, ENTERPRISE, LIGHT COMMERCIAL				
Jacks		AC6JAKS000DC	C6JAKS000DC	GPCJAKF012
Patch Cords		AC6PCGxxx-*88HB	C6PCSxxx-*88HB	GPCPCFxxx-***H
Modular Patch Panels		Any modular panel		MMCPNLX24SIJ* MMCPNLX48SIJ*
Category Patch Panels		AC6PNLF240K*M AC6PNLF240K*H	C6PNLF240K*M C6PNLF240K*H	GPCPNLF2401*M GPCPNLF240K*M GPCPNLU24002

* = Colour

This selection chart provides part numbers for system jacks, patch cords, and recommended patch panels.

Note: Unshielded systems are compatible with a wide range of patch panels beyond what is listed here. For a full list of patch panels, see pages A17-A35.

UNSHIELDED		
CAT 6A	CAT 6	CAT 5E
6AUJK-xx6	61UJK-xx6	5EUJK-xx5
AC6PCGxxx-*88HB	C6PCUxxx-***BB	GPCPCUxxx-***HB
e2XHD panels (flat, angled) and cassettes C1255-H48 (composite, empty) Any empty unshielded QuickPort® panel		
6110G-xx6	61110-xx6	5G110-xx5
AC6PCGxxx-*88HB	C6PCUxxx-***BB	GPCPCUxxx-***HB
6910G-Uxx Any empty unshielded QuickPort panel	69270-Uxx 69586-xxx 69587-xxx Any empty unshielded QuickPort panel	5G270-Uxx 5G596-xxx 5G597-xxx Any empty unshielded QuickPort panel
AC6JAKU002	C6JAKU002	GPCJAKU002
AC6PCGxxx-*88HB	C6PCUxxx-***BB	GPCPCUxxx-***HB
Any 1RU 24-port modular panel		
	C6PNLU240***	GPCPNLU2401*M GPCPNLU**002

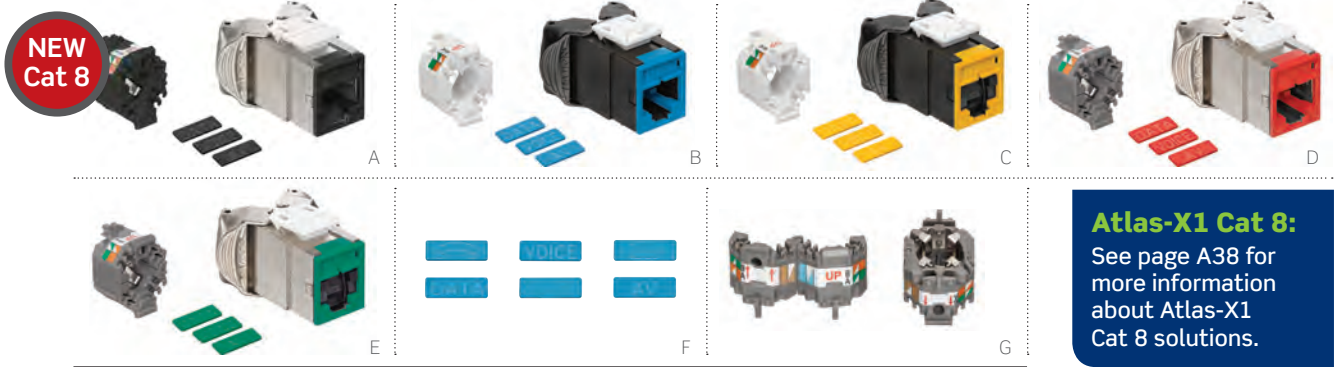


FEATURED PRODUCTS

Atlas-X1
Component-Rated
Unshielded &
Shielded Jacks **A8**

Jacks

Leviton and Brand-Rex copper jacks go through rigorous testing to ensure the highest levels of quality and reliability. Whether supporting mission-critical applications with Atlas-X1™, or enterprise with eXtreme® and Brand-Rex Plus jacks, Leviton has the connectivity solution for your needs.



ATLAS-X1 COMPONENT-RATED UNSHIELDED & SHIELDED JACKS

- Innovative wire manager and door-release levers support quick, repeatable terminations
- Tool-free design requires no specialised termination tool
- Patented Retention Force Technology (RFT) protects against time damage and increases system longevity
- Each jack includes interchangeable icons (voice, data, AV, and blank), colour-coded to match the jack face
- Jack with internal shutter is available to protect ports from dust, debris, and contaminants
- Shielded jacks provide additional EMI/RFI protection, signal isolation, and alien crosstalk (AXT) suppression
- Unified form factor and termination method, from Cat 5e to Cat 8
- Tested and approved for use in air-handling spaces (plenum rating) in accordance with UL Standard 2043
- Compatible with all QuickPort panels and housings
- Made in the USA

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos
 “How to Terminate Atlas-X1 Connector”
 or “How to Terminate the Atlas-X1 Shielded Connector”

ATLAS-X1 UNSHIELDED QUICKPORT JACKS

DESCRIPTION		CAT 6A	CAT 6	CAT 5E
Atlas-X1 Unshielded QuickPort Jack	[B]	6AUJK-R*6	61UJK-R*6	5EUJK-R*5
Atlas-X1 Unshielded QuickPort Jack with Shutter		6AUJK-S*6	[C] 61UJK-S*6	5EUJK-S*5

ATLAS-X1 SHIELDED QUICKPORT JACKS

DESCRIPTION		CAT 8	CAT 6A	CAT 6	CAT 5E
Atlas-X1 Shielded QuickPort Jack	[A]	81SJK-R*8	[D] 6ASJK-R*6	61SJK-R*6	5ESJK-R*5
Atlas-X1 Shielded QuickPort Jack with Shutter			6ASJK-S*6	61SJK-S*6	[E] 5ESJK-S*5

† = Cat 8 jacks available only in grey and black.
 * = Colours: Choose from any of the colours below.



ATLAS-X1 ACCESSORIES

DESCRIPTION	PART NO.
Atlas-X1 Bulk Icons, pack of 72 (2-sided icons, 24 of each icon)	[F] ICONS-IC*
Atlas-X1 Unshielded Wire Managers, bag of 10, White	AXUJK-BWM
Atlas-X1 Shielded Wire Managers, bag of 10, Grey	[G] AXSJK-BGM
Atlas-X1 Shielded Wire Managers for Cat 8, bag of 10, Black	AXSJK-BEM

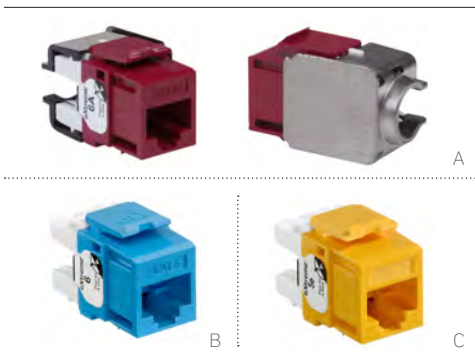
Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.
 See pages C9-C10 for housings, faceplates, and jack compatibility.

* = Colours: Choose from any of the colours above.

CATEGORY-RATED JACKS | eXtreme® QuickPort® & Jack Adaptors

COPPER
Category-Rated Jacks



EXTREME UNSHIELDED QUICKPORT JACKS

- Patented Retention Force Technology (RFT) protects against damage from 4- or 6-pin plugs
- Pair Separation Towers facilitate quick, effective termination
- Compatible with Fluke JackRapid™ Punchdown Tool for quick and easy terminations
- Cat 6A jack includes a patented Cone of Silence® for additional alien crosstalk (AXT) suppression
- Patented large-format, tear-away, dual-layer wiring guide
- Compatible with all QuickPort panels and housings
- Made in the USA

EXTREME UNSHIELDED QUICKPORT JACKS

DESCRIPTION	1-PACK	QUICKPACK® 25-PACK	QUICKPACK 150-PACK WITH JACKRAPID TOOL
[A] eXtreme Cat 6A Unshielded QuickPort Jack	6110G-R*6	—	—
[B] eXtreme Cat 6 Unshielded QuickPort Jack	61110-R*6	61110-B*6	61110-J*6
[C] eXtreme Cat 5e Unshielded QuickPort Jack	5G110-R*5	5G110-B*5	5G110-J*5

* = Colours: Choose from any of the colours below.

All Leviton Category-Rated Jacks are RoHS Compliant.



Adaptors work with all QuickPort connectors.

JACK ADAPTORS

- Allow QuickPort jacks to be installed into third-party wallplates and surface-mount boxes
- Jack adaptor colour will be visible after installation
- Packaged individually and sold separately from jacks
- CommScope adaptors fit SYSTIMAX® or Uniprise® wallplates and surface-mount boxes

JACK ADAPTORS

DESCRIPTION	PART NO.
[D] CommScope Jack Adaptor (jack not included)	AB100-00†
[E] Clipsal® Jack Adaptor (jack not included)	AB200-00*
[F] LexCom Jack Adaptor (jack not included)	AB300-00†

† = Colours: Choose from white or black.

* = Colours: Choose from any of the colours below.

All Leviton Category-Rated and USOC Jacks are RoHS compliant.



Compatibility References:

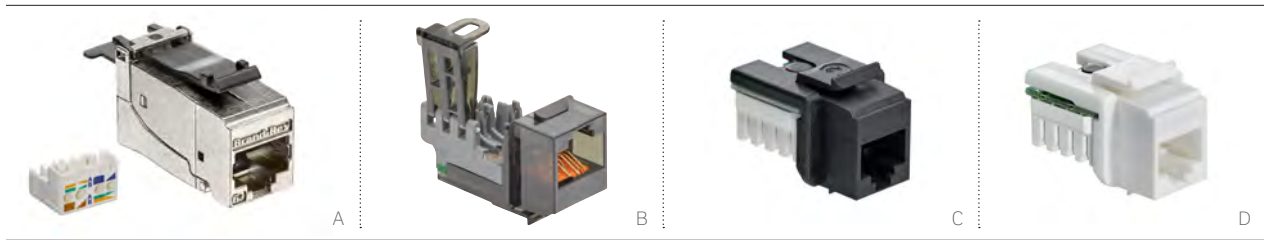
See pages A35-A36 for patch panel and jack compatibility.

See pages C9-C10 for housings, faceplates, and jack compatibility.

SPOTLIGHT Component- vs. Channel-Rated Performance

FEATURE	COMPONENT RATED	CHANNEL RATED
Meets ANSI/ISO standard	✓	✓
Exceeds ANSI/ISO standard	✓	
Complete end-to-end channel tested	✓	✓
Individually certified (tested) component	✓	
Meets channel-link performance	✓	✓
Greater permanent-link performance	✓	
Ensures multi-manufacturer channel compatibility	✓	





10GPLUS CAT 6A SHIELDED TOOL-FREE SNAP-IN JACK

- High electrical performance with ample headroom in installed links
- Tool-free design requires no specialised termination tool
- 360° screen: rear contact features ensure good contact to cable shields and good EMI resistance
- Compatible with all Brand-Rex style wallplates and patch panels
- Quick release function: Can be safely opened and re-terminated if required
- Component performance certified by third-party testing labs

10GPLUS CAT 6A UNSHIELDED TOOL-FREE SNAP-IN JACK

- Rear, top, or side entry cable configuration for maximum flexibility
- Tool-free termination: No need to use punchdown tools
- Compatible with Brand-Rex wallplates and panels

10GPLUS CAT 6A SNAP-IN JACKS, LSA IDC TERMINATION

- Robust LSA style IDC design ensures maximum performance from punch down connections
- Printed A/B wiring diagram on IDC improves installation and reduces the potential for errors
- Shielded and unshielded options

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

See pages C9-C10 for housings, faceplates, and jack compatibility.

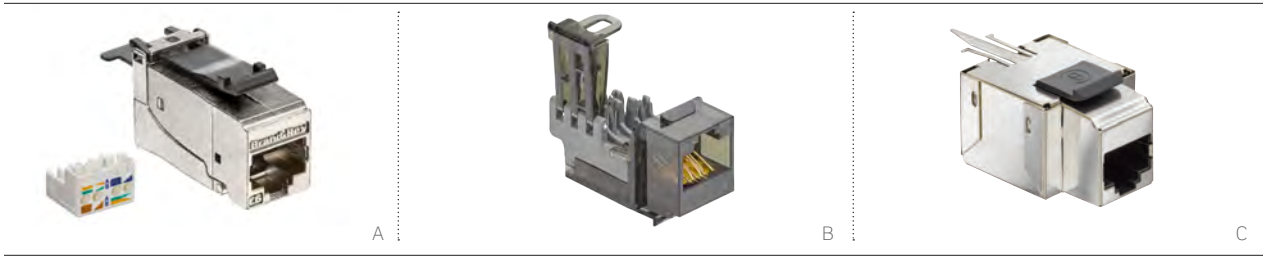
10GPLUS CAT 6A TOOL-FREE SNAP-IN JACK

DESCRIPTION	PART NO.
[A] 10GPlus Cat 6A Shielded Tool-free Snap-In Jack	AC6JAKS000DC
[B] 10GPlus Cat 6A Unshielded Tool-free Snap-In Jack	AC6JAKU002

10GPLUS CAT 6A SNAP-IN JACKS, LSA IDC TERMINATION

[C] 10GPlus Cat 6A Unshielded LSA-Style Snap-in Jack, Black	AC6JAKU0K2
[D] 10GPlus Cat 6A Unshielded LSA-Style Snap-in Jack, White	AC6JAKU0K3
10GPlus Cat 6A Shielded LSA-Style Snap-in Jack, Metallic	AC6JAKF0K2

CATEGORY-RATED JACKS | Brand-Rex Cat6Plus® Cat 6



CAT6PLUS CAT 6 SHIELDED TOOL-FREE SNAP-IN JACK

- High electrical performance with ample headroom in installed links
- Tool-free design requires no specialised termination tool
- 360° screen: Rear contact features ensure good contact to cable shields and good EMI resistance
- Compatible with all Brand-Rex faceplates and patch panels
- Quick release function, Can be safely opened and re-terminated if required

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

See pages C9-C10 for housings, faceplates, and jack compatibility.

CAT6PLUS CAT 6 UNSHIELDED TOOL-FREE SNAP-IN JACK

- Rear, top, or side entry cable configuration for maximum flexibility
- Tool-free design requires no specialised termination tool
- Compatible with Brand-Rex faceplates and panels

CAT6PLUS CAT 6 SNAP-IN JACKS

- LSA and 110 style options
- Shielded and unshielded options

CAT6PLUS CAT 6 TOOL-FREE SNAP-IN JACK		
DESCRIPTION	PART NO.	
[A] Cat6Plus Cat 6 Shielded Tool-free Snap-In Jack	C6CJAKS000DC	
[B] Cat6Plus Cat 6 Unshielded Tool-free Snap-In Jack	C6CJAKU002	
CAT6PLUS CAT 6 SNAP-IN JACKS		
DESCRIPTION	LSA-STYLE	110-STYLE
Cat6Plus Cat 6 Unshielded Snap-In Jack, White	C6CJAKU0K3	—
Cat6Plus Cat 6 UnShielded Snap-In Jack, Black	—	C6CJAKU012
Cat6Plus Cat 6 Unshielded Snap-In Jack, White	—	C6CJAKU013
[C] Cat6Plus Cat 6 Shielded Snap-In Jack, Metallic	C6CJAKF0K2	—



GIGAPLUS CAT 5E UNSHIELDED TOOL-FREE SNAP-IN JACK

- Tool-free termination: No need to use punchdown tools
- Compatible with all Brand-Rex UK and Continental UNI style faceplates and products

GIGAPLUS CAT 5E SNAP-IN JACKS

- Shielded and unshielded options
- LSA and 110-style options
- Compatible with all Brand-Rex UK and European style faceplates and products

CAT 5E UNSHIELDED LEAD FRAME SNAP-IN JACK

- Single T568A or T568B wiring labels simplify terminations
- Durable one-piece lead frame built for longevity
- Compatible with all Leviton QuickPort® patch panels and select Brand-Rex Snap-In-Jack panels

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

See pages C9-C10 for housings, faceplates, and jack compatibility.

GIGAPLUS CAT 5E UNSHIELDED TOOL-FREE SNAP-IN JACK

DESCRIPTION	PART NO.
[A] GigaPlus Cat 5e Unshielded Tool-Free Snap-In Jack	GPCJAKU002

GIGAPLUS CAT 5E SNAP-IN JACKS

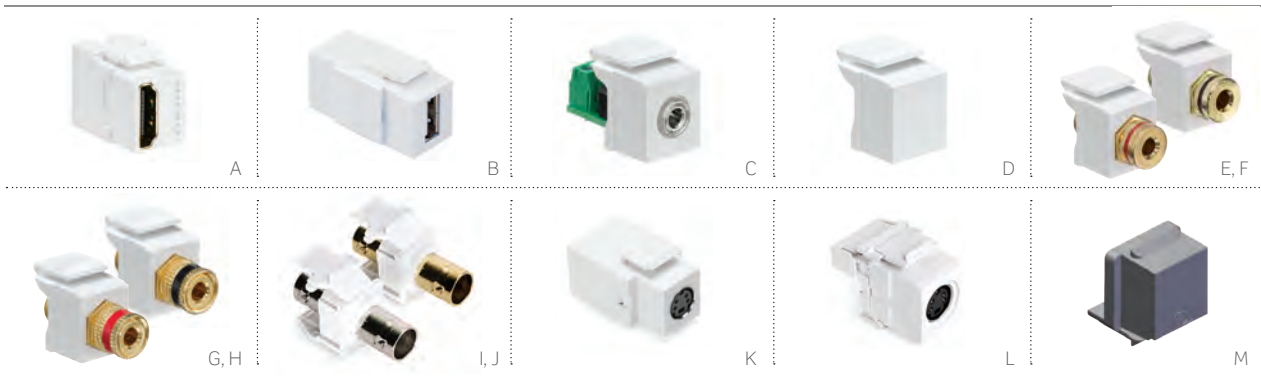
DESCRIPTION	LSA-STYLE	110-STYLE
GigaPlus Cat 5e Unshielded Snap-In Jack, Black		GPCJAKU012
GigaPlus Cat 5e Unshielded Snap-In Jack, White	GPCJAKU0K3	GPCJAKU013
[B] GigaPlus Cat 5e Shielded Snap-In Jack, Metallic		GPCJAKF012

CAT 5E UNSHIELDED LEAD FRAME SNAP-IN JACK

DESCRIPTION	110-STYLE
[C] Cat 5e Unshielded Lead Frame Snap-In Jack, White	GPCJAK013LV

AV CONNECTIVITY | QuickPort® AV Connectors & Adaptors

COPPER
AV Connectors & Adaptors



AV CONNECTORS & ADAPTORS

- HDMI® connector works with HDMI Type A connectors
- Binding Post and Banana Jack connectors are excellent for advanced audio
- QuickPort Blanks secure unused ports in wallplates and housings for future expansion
- 3.5 mm Stereo Adaptor facilitates classroom, workstation, and computer audio applications
- Use BNC connectors for commercial CCTV or commercial video signals
- S-video for enhanced video streams available in feedthrough and 110 termination
- Compatible with all QuickPort panels and housings

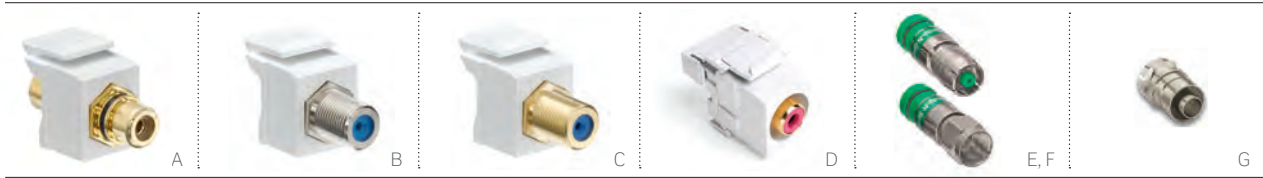
Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.
See pages C9-C10 for housings, faceplates, and jack compatibility.

QUICKPORT AV CONNECTORS & BLANKS							
DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN	
[A] HDMI Connector, feedthrough	40834-00W	40834-00T	40834-00I	—	40834-00E	—	
[B] USB A/A Connector, feedthrough	40835-00W	—	40835-00I	40835-00G	—	—	
[C] 3.5 mm Stereo Adaptor, screw terminal	40839-SWS	—	40839-SIS	—	—	—	
[D] Blank Insert (pack of 10)	41084-0BW	41084-0BT	41084-0BI	41084-0BG	41084-0BE	41084-0BB	
[E] Banana Jack Connector, red stripe, feedthrough	40837-BWR	40837-BTR	40837-BIR	—	—	—	
[F] Banana Jack Connector, black stripe, feedthrough	40837-BWE	40837-BTE	40837-BIE	—	—	—	
[G] Binding Post Connector, red stripe, feedthrough	40833-BWR	40833-BTR	40833-BIR	—	40833-BER	40833-BBR	
[H] Binding Post Connector, black stripe, feedthrough	40833-BWE	40833-BTE	40833-BIE	—	40833-BEE	40833-BBE	
[I] BNC Connector, nickel plated, feedthrough	41084-BWF	41084-BTF	41084-BIF	41084-BGF	41084-BEF	41084-BBF	
[J] BNC Connector, gold plated, feedthrough	40832-0BW	40832-0BT	40832-0BI	—	—	—	
[K] S-Video Connector, feedthrough	40734-CVW	—	40734-CVI	—	—	—	
[L] S-Video Adaptor, 110 termination	40734-SVW	40734-SVT	40734-SVI	40734-SVG	40734-SVE	—	

SNAP-IN-JACK PATCH PANEL ACCESSORIES	
DESCRIPTION	PART NO.
[M] Snap-in-Jack Blank, Black	MMCJAKBLK2
Snap-in-Jack Blank, White	MMCJAKBLK3





RCA & F-CONNECTORS IN FEEDTHROUGH & 110-STYLE

- RCA Connectors use standard identification colours for component and composite video
- Coax F-Connectors are SCTE compliant and support signals up to 3 GHz
- Body colours match Leviton housings
- Compatible with all QuickPort panels and housings

COMPRESSION & CRIMP-ON F-CONNECTORS

- Leviton compression and crimp-on connectors are ideal for more specialised AV applications
- Compression connectors offer an airtight seal and secure fitting for increased cable retention
- Crimp-on connectors are an economical solution for less demanding applications

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.
See pages C9-C10 for housings, faceplates, and jack compatibility.

QUICKPORT FEEDTHROUGH RCA & F-CONNECTORS (FOR RCA & COAX CABLE)

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK	BROWN
[A] RCA Connector, gold plated with black stripe, feedthrough	40830-BWE	40830-BTE	40830-BIE	40830-BGE	40830-BEE	40830-BBE
RCA Connector, gold plated with red stripe, feedthrough	40830-BWR	40830-BTR	40830-BIR	40830-BGR	40830-BER	40830-BBR
RCA Connector, gold plated with yellow stripe, feedthrough	40830-BWY	40830-BTY	40830-BIY	—	—	—
RCA Connector, gold plated with green stripe, feedthrough	40830-BWV	—	40830-BIV	—	—	—
RCA Connector, gold plated with blue stripe, feedthrough	40830-BWL	—	40830-BIL	—	—	—
[B] F-Connector, nickel plated, feedthrough	41084-FWF	41084-FTF	41084-FIF	41084-FGF	41084-FEF	41084-FBF
[C] F-Connector, gold plated, feedthrough	40831-0BW	40831-0BT	40831-0BI	—	—	—

QUICKPORT 110-STYLE RCA CONNECTORS (FOR CAT 6 OR CAT 5E CABLE)

[D] RCA Connector, gold plated with red barrel, 110 termination	40735-RRW	40735-RRT	40735-RRI	40735-RRG	40735-RRE	—
RCA Connector, gold plated with white barrel, 110 termination	40735-RWW	40735-RWT	40735-RWI	40735-RWG	40735-RWE	—
RCA Connector, gold plated with yellow barrel, 110 termination	40735-RYW	40735-RYT	40735-RYI	40735-RYG	40735-RYE	—
RCA Connector, gold plated with green barrel, 110 termination	40735-RVW	—	40735-RVI	—	—	—
RCA Connector, gold plated with blue barrel, 110 termination	40735-RLW	—	40735-RLI	—	—	—
RCA Connector, gold plated with orange barrel, 110 termination	40735-ROW	40735-ROT	40735-ROI	40735-ROG	40735-ROE	—

COMPRESSION, CRIMP-ON, & TWIST-ON RCA & F CONNECTORS

DESCRIPTION	RG-6 CABLE	RG-6 QUAD SHIELD
RCA Compression Connector (coloured rings included)	—	[E] 40985-CRU
Compression F-Connector (coloured rings included)	—	[F] 40985-CPF
F-Connectors, one-piece crimp-on (bag of 100)	[G] 40985-1P6	—

See page A53 for master compression and crimping tools.





A



Plenum Rated

B

MULTIMEDIA OUTLET SYSTEM (MOS)

- Front-loading solution provides a clean and flexible system, with a variety of connections to choose from
- MOS Surface-Mount Box and Housing accept any 1-unit high MOS modules and includes a fibre storage tray
- MOS Surface-Mount Box accepts three 1-unit high MOS modules
- Box can be positioned vertically or horizontally, depending upon port exit preference (side or bottom)
- Three sides of box cover have breakouts for surface raceway
- Surface-Mount Housing holds one 1-unit-high MOS module

MULTIMEDIA OUTLET SYSTEM (MOS) SURFACE-MOUNT BOXES

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK
[A] Surface-Mount Box, 3-unit with Fibre Storage*	41296-MMW	41296-MMT	41296-MMI	41296-MMG	41296-MME
[B] Surface-Mount Box, holds one 1-unit high module	4M089-1WM	4M089-1IM	4M089-1TM	4M089-1GM	4M089-1EM

* = Surface-mount box is not compatible with 41295-V**, 41292-D**, and 41292-A**.



White



Light Almond



Ivory



Grey



Black

SPOTLIGHT

Surface-Mount QuickPort® Boxes

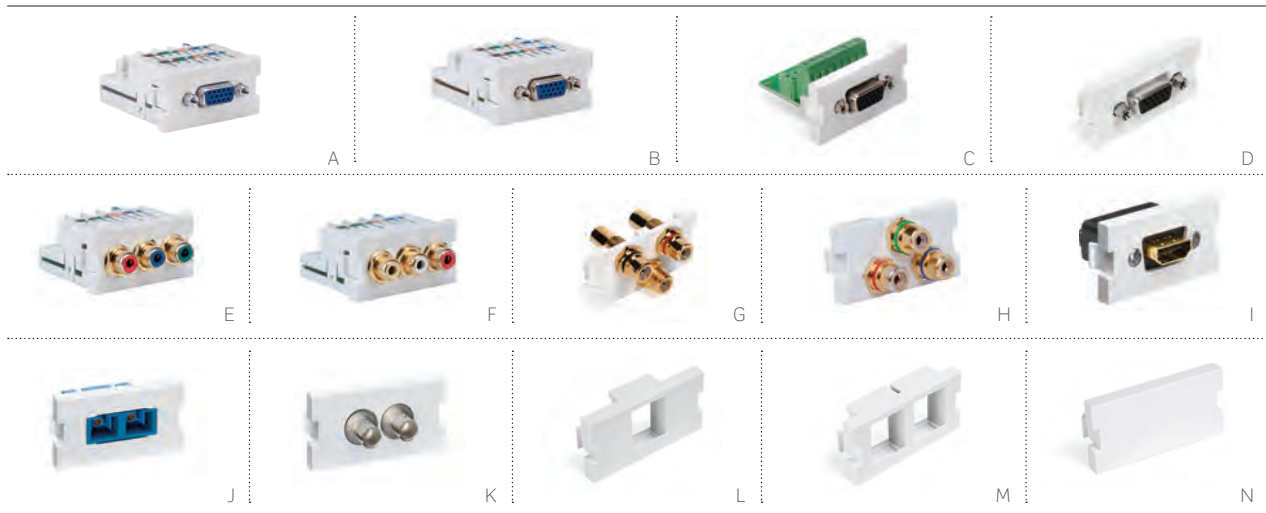


Surface-Mount QuickPort Boxes

Leviton surface-mount boxes support voice and data applications in office, retrofit, or other surface-mount environments, and they accept all individual QuickPort jacks. The compact boxes are available with 1, 2, 4, 6, or 12 ports, with the 1, 2, and 4-port housings suitable for installation in air-handling (plenum) spaces.

Learn more on page C3.

AV CONNECTIVITY | MOS Inserts, Modules, & Surface-Mount Boxes



AV Inserts, Modules, & Surface-Mount Boxes
COPPER

MOS AV CONNECTOR MODULES (All modules are 1 unit high unless noted otherwise)

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK
[A] VGA PC Module, 110-style termination [^]	41295-VPW	41295-VPT	41295-VPI	41295-VPG	—
[B] VGA Monitor Module, 110-style termination [^]	41295-VMW	41295-VMT	41295-VMI	41295-VMG	—
[C] VGA/HD15 Module, screw terminal	41295-HDW	—	41295-HDI	—	—
[D] VGA/HD15 Module, feedthrough	41293-HDW	41293-HDT	41293-HDI	41293-HDG	41293-HDE
VGA/HD15 Module, empty	41291-DBW	—	41291-DBI	41291-DBG	41291-DBE
[E] RCA Component Video Module, 110-style termination (red, green, blue)	41292-DEW	41292-DET	41292-DEI	—	—
[F] RCA Composite Video Module, 110-style termination (red, white, yellow)	41292-AEW	41292-AET	41292-AEI	—	—
[G] 3-Port RCA Module (red, black, yellow), feedthrough	41292-3RW	41292-3RT	41292-3RI	41292-3RG	41292-3RE
[H] 3-Port RCA Module (red, green, blue), feedthrough	41292-3DW	41292-3DT	41292-3DI	41292-3DG	41292-3DE
[I] HDMI® Module, feedthrough	41290-HDW	41290-HDT	41290-HDI	41290-HDG	41290-HDE

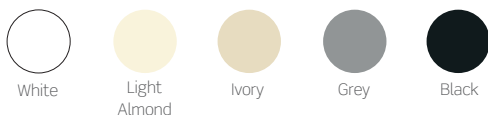
[^] = 110-Style VGA modules require both PC and Monitor modules used in pairs to operate. This applies to A and B only.

MOS FIBRE INSERTS & MODULES

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK
[J] 1 Duplex SC, zirconia ceramic, SM/M, Blue, (1 unit high)	41291-2CW	—	41291-2CI	41291-2CG	41291-2CE
1 Duplex ST, zirconia ceramic, SM, (1 unit high)	41291-ZTW	—	41291-ZTI	—	41291-ZTE
[K] 1 Duplex ST, phosphor bronze, MM, (1 unit high)	41291-2TW	—	41291-2TI	—	41291-2TE

QUICKPORT & BLANK MODULES

[L] 1-Port QuickPort Module (1 unit high)	41291-1MW	41291-1MT	41291-1MI	41291-1MG	41291-1ME
[M] 2-Port QuickPort Module (1 unit high)	41291-2QW	41291-2QT	41291-2QI	41291-2QG	41291-2QE
[N] Blank Module (1 unit high)	41291-1BW	41291-1BT	41291-1BI	41291-1BG	41291-1BE





FEATURED PRODUCTS

Composite Patch Panels **A21**

1RU 48-Port QuickPort® High-Density Flat & Angled Panels **A20, A22**

e2XHD Snap-In Cassette Patching System **A23**

Patch Panels & Cross Connect

Choose Leviton and Brand-Rex for all your patch panel needs. Our e2XHD high-density panels make patching easier than ever, using snap-in copper and fibre cassettes. Other popular styles include the 1RU 48-port, component-rated Cat 6 110-style, and Brand-Rex Snap-In-Jack solutions. Additional unshielded and shielded panels, the patented Zero-U VertiGO®, and angled styles round out the industry's largest selection of patch panels.

e2XHD Snap-In Cassette Patch Panels ► A23

These high-density panels are designed for data centre applications where fast single-click deployment and simple maintenance is important. They accept both fibre and copper e2XHD snap-in cassettes in the same panel.

Available Styles: Flat | Angled

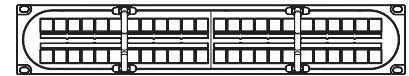


Flat 48-Port

Flat Composite Patch Panels ► A21

Leviton composite panels have the same profile as standard metal panels, but feature polymer composite construction. Customisable faces are ideal for data centres, telecommunication rooms, and other showroom-style environments.

Available Styles: 110-Style | QuickPort®



Flat 48-Port

Flat Patch Panels ► A19, A20, A26-A28

Traditional, flat profile works well in almost any application. Most flat panels include rear cable management bars.

Available Styles: 110-Style | LSA-Style | QuickPort | Snap-In-Jack | Modular



Flat 48-Port

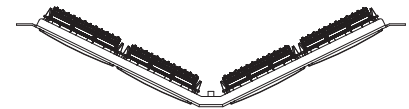


Brand-Rex Flat 48-Port

Angled Patch Panels ► A22

Recommended for use in racks to optimise patch cord management and rack space utilisation. Flat panels with angled ports also available.

Available Styles: 110-Style | QuickPort | Shielded

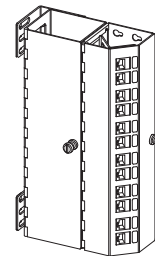


Angled 48-Port

Zero-U Patch Panels ► A24

VertiGO panels are recommended for use in data centre cabinets, or for any application that needs connectivity outside of the traditional 19-inch rack space. Vertical channel models provide cable routing and protection.

Available Styles: QuickPort | SDX

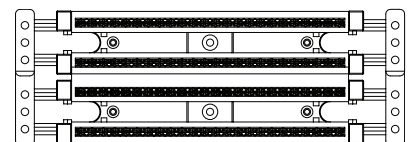


VertiGO® Zero-U

Cross-Connect ► A30-A34

Dependable, flexible, and cost effective, 110-style and 66-block cross-connect products are ideal for telecommunications rooms and distribution frames.

Available Styles: Cat 6A | Cat 6 | Cat 5e

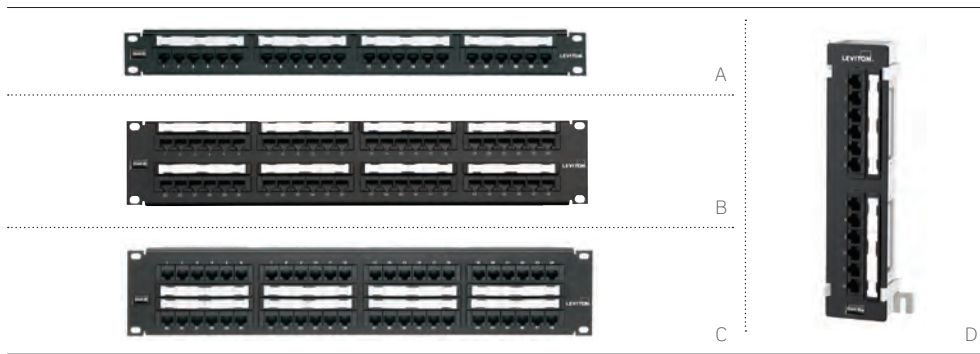


Cross-Connect 110-Style Wiring Block

PATCH PANELS | Flat Metal 110-Style > Unshielded

Patch Panels

COPPER



FLAT UNSHIELDED 110-STYLE PATCH PANELS

- 1RU 12- or 24-port, 2RU 48-port, and 4RU 96-port configurations
- 6-port RJ-45 modules on front, and 110-style punchdowns on rear
- Includes colour codes for T568A and T568B wiring schemes
- Includes 25-pair wiring schemes
- Silk-screened port numbers and paper label holders included
- Optional patented magnifying lens label holders for easy reading
- Patented Retention Force Technology (RFT) protects against time damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity

FLAT 110-STYLE PATCH PANELS & PATCH BLOCK		
DESCRIPTION	CAT 6	CAT 5E
1RU 12-Port Flat 110-Style Patch Panel	69586-U12	5G596-U12
1RU 24-Port Flat 110-Style Patch Panel	[A] 69586-U24	5G596-U24
1RU 24-Port Flat 110-Style Patch Panel, magnifying lens label holder	69586-L24	5G596-L24
2RU 48-Port Flat 110-Style Patch Panel	[B] 69586-U48	5G596-U48
2RU 48-Port Flat 110-Style Patch Panel, magnifying lens label holder	69586-L48	5G596-L48
2RU 48-Port Flat 110-Style Patch Panel, central labeling	[C] 69586-C48	5G596-C48
4RU 96-Port Flat 110-Style Patch Panel	69586-U96	5G596-U96
12-Port 110-Style Patch Block, 89D bracket	69586-U89	[D] 5G596-U89

AVAILABLE CABLE MANAGEMENT:

See Section D for product details and ordering information.

Versi-Duct®

Rear Cable Management Bars

Horizontal Cable Managers

Blank Filler Panels

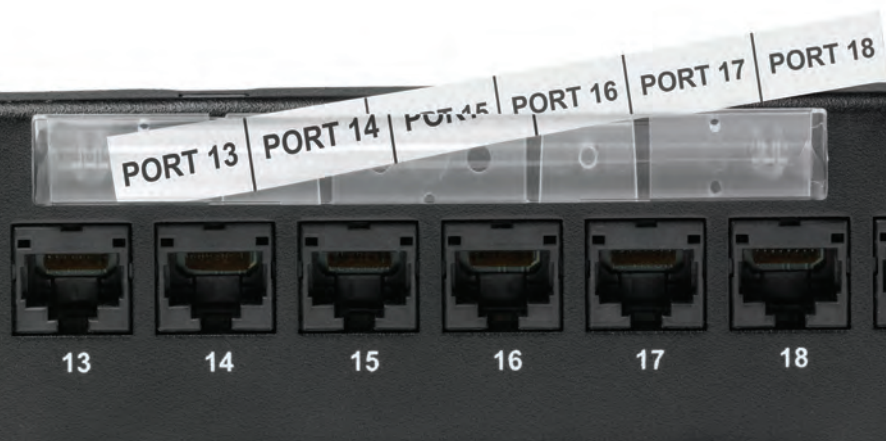
VELCRO® Brand Fasteners



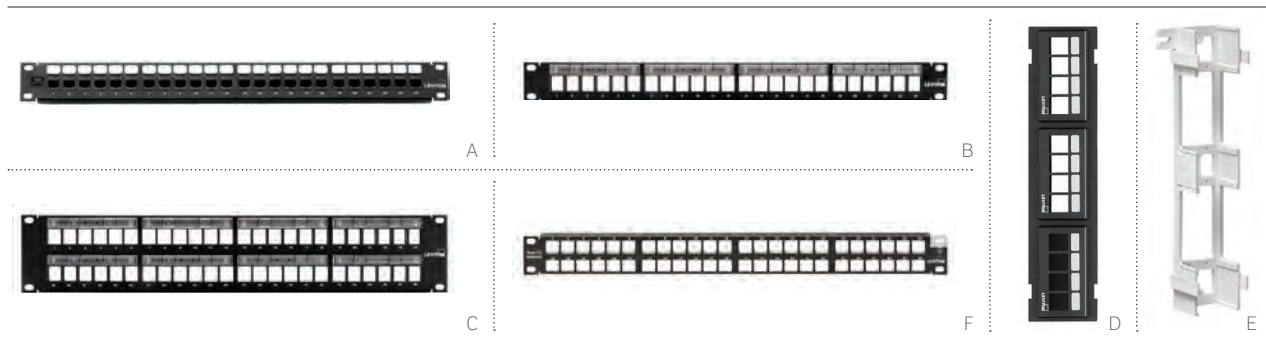
49005-CMB included with all 110-Style Cat 6A/6/5e flat panels.

SPOTLIGHT

Magnifying Lens Label Holder



Available with a wide selection of Leviton patch panels, Leviton patented magnifying lens label holders ensure visibility of port labels for easy identification of individual port designations.



FLAT UNSHIELDED QUICKPORT PATCH PANELS

- Standard-density 24- and 48-port panels are available with white blocks or patented magnifying lens label holder
- Silk-screened port numbers on panel front

ATLAS-X1™ FLAT SHIELDED QUICKPORT PATCH PANELS

- Shielding protects against electromagnetic interference (EMI) and radio frequency interference (RFI), and provides excellent alien crosstalk (AXT) suppression
- Includes appropriate grounding hardware
- High-density 1RU 48-port option maximises rack space and reduces costs in high-density applications

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

AVAILABLE CABLE MANAGEMENT:

See Section D for product details and ordering information.

Versi-Duct®

Rear Cable Management Bars

Horizontal Cable Managers

Blank Filler Panels

VELCRO® Brand Fasteners



49005-CMB included with all Cat 6A/6/5e flat panels below, unless otherwise noted.

FLAT QUICKPORT UNSHIELDED PATCH PANELS, PATCH BLOCKS, & ACCESSORIES

DESCRIPTION	CAT 6A	CAT 6	CAT 5E	EMPTY
1RU 24-Port Flat QuickPort Patch Panel	[A] 6910G-U24	69270-U24	5G270-U24	49255-H24
2RU 48-Port Flat QuickPort Patch Panel	6910G-U48	69270-U48	5G270-U48	49255-H48
1RU 24-Port Flat QuickPort Patch Panel, magnifying lens label holder	—	—	—	[B] 49255-L24
2RU 48-Port Flat QuickPort Patch Panel, magnifying lens label holder	—	—	—	[C] 49255-L48
12-Port QuickPort Patch Block, mounting bracket (item E below) sold separately, 10" H x 2.375" W	—	—	—	[D] 49255-Q89
12-Port QuickPort Patch Block, extra deep, mounting bracket included, 10" H x 2.375" W	—	—	—	47689-QQP
QuickPort Patch Block 89D Mounting Bracket (mounts to item D)	—	—	—	[E] 40089-00D
ATLAS-X1 FLAT SHIELDED PATCH PANELS				
1RU 24-Port Flat Shielded QuickPort Patch Panel	—	—	—	4S255-S24
1RU 48-Port Flat Shielded QuickPort Patch Panel	—	—	—	[F] 4S255-D48*
2RU 48-Port Flat Shielded QuickPort Patch Panel	—	—	—	4S255-S48

* = Cable management bar sold separately.

Cat 6A/6/5e patch panels are kitted with black 6110G, 61110, or 5G110 jacks. QuickPort jacks are available on pages A8-A9 and A13-A14.

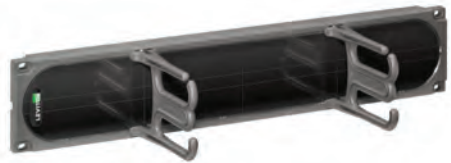
PATCH PANELS | Flat Composite > Unshielded



A



B



C

Customise composite patch panels with any design, colour, or logo. Visit Leviton.com/compositepanel to learn more.

FLAT COMPOSITE UNSHIELDED 110-STYLE AND QUICKPORT® PATCH PANELS

- 10 per cent stronger than standard 16-gauge metal patch panels, providing added support during termination of 110-style panels
- Panel face can be customised to feature any design, colour, or logo
- Patch cord managers prevent cables from obstructing view of port numbers
- Clear label holders create a window to easily view port numbers and custom designs
- Patented Retention Force Technology (RFT) protects against tine damage from 4- or 6-pin plugs, saves on costly repairs, and increases system longevity

AVAILABLE CABLE MANAGEMENT:

See Section D for product details and ordering information.

Versi-Duct®

Rear Cable Management Bars

Horizontal Cable Managers

Blank Filler Panels

VELCRO® Brand Fasteners



Front and Rear Managers are included (QuickPort and 110-Styles only)

FLAT COMPOSITE 110-STYLE & QUICKPORT UNSHIELDED PATCH PANELS

DESCRIPTION	CAT 6	CAT 5E	EMPTY
2RU 48-Port Flat Composite 110-Style Panel	[A] C1686-U48	C1586-U48	—
2RU 48-Port Flat Composite QuickPort Panel	—	—	[B] C1255-H48
2RU Blank Panel / Cable Manager	—	—	[C] C1253-2CM

QuickPort jacks are available on pages A8-A9 and A13-A14.

WATCH: TRAINING VIDEOS



Leviton.com/ns/videos
"Composite Patch Panel"

Compatibility References:

See pages A35-A36 for QuickPort patch panel and jack compatibility.

SPOTLIGHT Composite Patch Panels



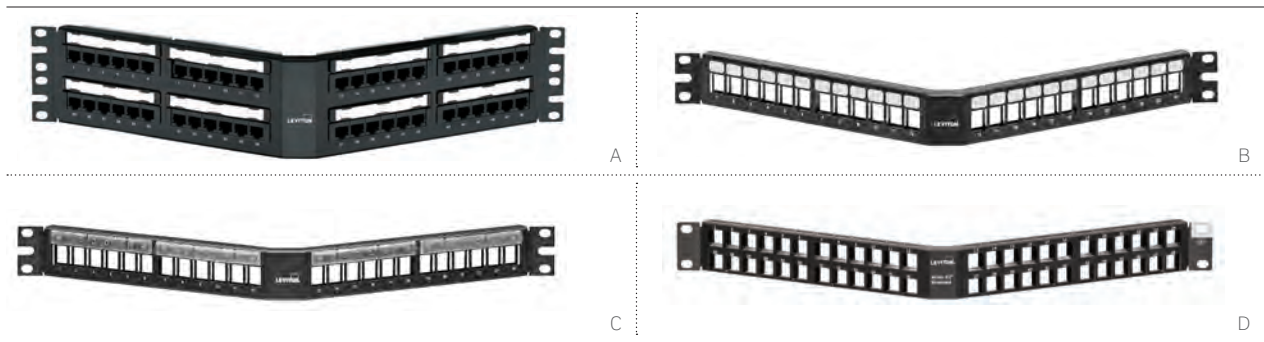
Protective Overlay Cover

Custom Insert

Patch Panel

Patch panels combine strength and durability with a unique style and customisable faces, providing a uniform look when installed with 2000i SDX Fibre Enclosures and Versi-Duct Cable Managers.

- Under applied force tests, the panel was 10 per cent stronger than standard 16-gauge metal patch panels
- Panels come kitted with two patch cord managers that attach directly to the panel face, saving up to 50 per cent of rack or cabinet space and reducing obstruction of centre label
- Clear label holders create a "window" to easily view centralised port numbers and custom designs



ANGLED UNSHIELDED 110-STYLE & QUICKPORT® PATCH PANELS

- Angled design conserves rack space by routing patch cords directly into vertical cable management
- Angled design facilitates proper bend radius and simplifies termination
- 110-style angled panels include a snap-in plastic label holder and card stock labels
- QuickPort 110-style panels include white write-on blocks or patented magnifying lens label holder
- Select panels include patented magnifying lens label holders for easy reading

ATLAS-X1™ ANGLED SHIELDED QUICKPORT PATCH PANELS

- Shielding protects against electromagnetic interference (EMI) and radio frequency interference (RFI), and provides excellent alien crosstalk (AXT) suppression
- Include appropriate grounding hardware
- High-density 1RU 48-port option maximises rack space and reduces costs in high-density applications

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

AVAILABLE CABLE MANAGEMENT:

See Section D for product details and ordering information.

Versi-Duct®

Rear Cable Management Bars

Horizontal Cable Managers

Blank Filler Panels

Transitional Covers

VELCRO® Brand Fasteners



49254-BC1
Recommended angled transitional cover

ANGLED 110-STYLE & QUICKPORT UNSHIELDED PATCH PANELS

DESCRIPTION	CAT 6	CAT 5E	EMPTY
1RU 24-Port Angled 110-Style Patch Panel	69587-U24	5G597-U24	—
1RU 24-Port Angled 110-Style Patch Panel, magnifying lens holder	69587-L24	5G597-L24	—
2RU 48-Port Angled 110-Style Patch Panel	[A] 69587-U48	5G597-U48	—
2RU 48-Port Angled 110-Style Patch Panel, magnifying lens holder	69587-L48	5G597-L48	—
1RU 24-Port Angled QuickPort Patch Panel	—	—	[B] 49256-H24
1RU 24-Port Angled QuickPort Patch Panel, magnifying lens holder	—	—	[C] 49256-L24
2RU 48-Port Angled QuickPort Patch Panel	—	—	49256-H48
2RU 48-Port Angled QuickPort Patch Panel, magnifying lens holder	—	—	49256-L48

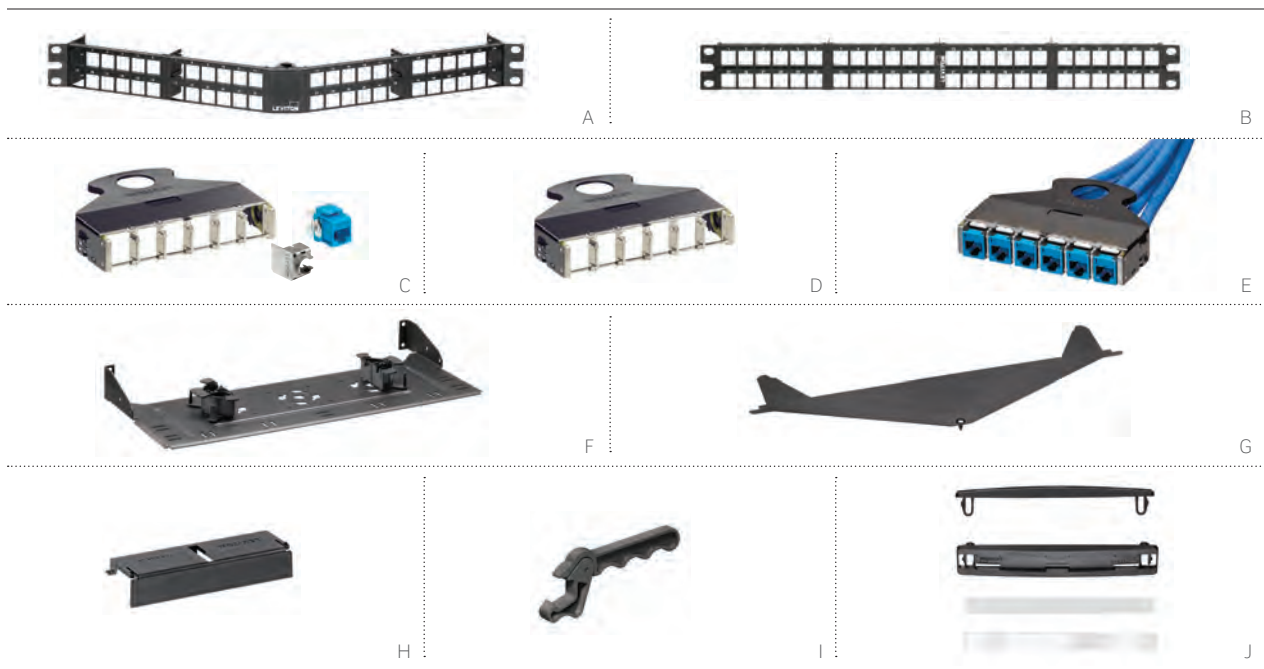
ATLAS-X1 ANGLED SHIELDED PATCH PANELS

1RU 24-Port Angled Shielded QuickPort Patch Panel	4S256-S24
1RU 48-Port Angled Shielded QuickPort Patch Panel	4S256-D48
2RU 48-Port Angled Shielded QuickPort Patch Panel	[D] 4S256-S48

QuickPort jacks are available on pages A8-A9 and A13-A14.

PATCH PANELS | e2XHD Snap-In Cassette Patching System > Unshielded

COPPER



The e2XHD Snap-In Cassette Patching System includes 1RU panels, copper and fibre snap-in cassettes, and accessories for additional cable protection and management. The e2XHD cassettes quickly snap in and pull out of the high-density panels, making installation, moves, adds, and changes easier than ever.

- Panels allow a mix-and-match of Leviton fibre and copper snap-in cassettes
- Cassettes are available empty or on pre-terminated trunks (see Leviton.com/configurator)
- Unshielded copper jacks easily snap into cassette after termination
- System accessories include rear cable managers, blank cassette inserts for unused cassette openings, and a cover for the angled panel, minimising dust or debris

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

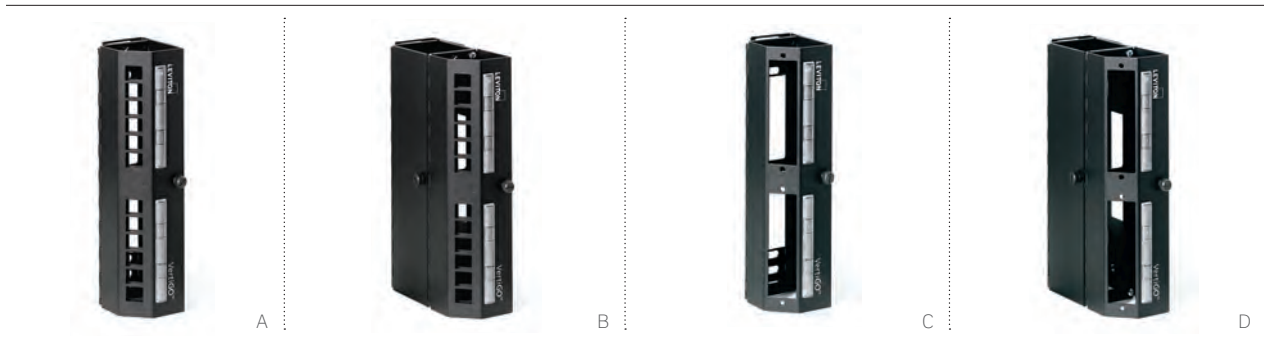
e2XHD UNSHIELDED SNAP-IN CASSETTE PATCHING SYSTEM	
DESCRIPTION	PART NO.
[A] 1RU 48-Port e2XHD Angled High-Density Panel	E2X1A-D48
[B] 1RU 48-Port e2XHD Flat High-Density Panel	E2X1F-D48
[C] 6-port e2XHD Cat 6A Cassette Kit ^, Unshielded	E2X6A-xxx
[D] 6-port e2XHD Cassette, empty*	E2XHD-BRK
[E] e2XHD Copper Cassette, terminated to trunk cable	Configure online at Leviton.com/e2XHD
e2XHD Rear Cable Manager for Angled Panel, with fibre storage rings (four ¼" rings)	E2XHD-CMB
[F] e2XHD Rear Cable Manager for Flat Panel, with fibre storage rings (four ¼" rings)	E2X1F-CMB
[G] e2XHD Angled Panel Cover	E2XHD-COV
[H] e2XHD Cassette Blank	E2XHD-BLK
[I] QuickPort® Jack Removal Tool	E2XHD-JRT
[J] e2XHD Label Kit (4 pack)*	E2XHD-LBL

^ = Cat 6A Cassettes include six 6110G QuickPort Jacks.
 xxx = Jack colours: Blue (BLU), Green (GRN), Yellow (YEL), Red (RED)
 * = QuickPort jacks sold separately (see pages A8-A9 and A13-A14).
 += Label kit occupies one row of panel.



e2XHD Snap-In Cassette Patching System for fibre applications on pages B27-B28.

PATCH PANELS | VertiGO® Zero-U QuickPort® Unshielded & SDX



VERTIGO ZERO-U PATCH PANELS

- Zero-U panels can be mounted to a ladder tray, wire basket, under a raised floor, or onto modular furniture
- QuickPort or SDX-style openings for copper and fibre installations
- Low-profile design fully covers connections
- Improves cabinet centre airflow by routing rear cable along outer edges
- Styles with 3-inch channels provide additional cable management space
- Hinged doors provide easy access to termination field
- Patented magnifying lens label holders facilitate easy reading

RECOMMENDED APPLICATIONS:

- Any Size Cabinet
- Ladder Tray
- Wire Basket
- Raised-Floor Enclosure
- Modular Furniture
- Wall-Mount

VERTIGO ZERO-U PATCH PANELS

DESCRIPTION	PART NO.
[A] 12-Port Unshielded QuickPort VertiGO Panel, panel only, empty	49280-QP0
[B] 12-Port Unshielded QuickPort VertiGO Panel, 3" channel, empty	49280-QP3
[C] SDX Adaptor Plate VertiGO Panel, panel only, empty	49280-AP0
[D] SDX Adaptor Plate VertiGO Panel, 3" channel, empty	49280-AP3

Contact Customer Service at +44.0.1592.772124 for custom configurations.
 QuickPort jacks are available on pages A8-A9 and A13-A14.
 SDX adaptor plates are available on pages B21-B22.
 Channel not available separately.

Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos
 "How to Mount a VertiGO Patch Panel"

See page B20 for additional specialised fibre applications.

SPOTLIGHT VertiGO Zero-U Patch Panels > Unparalleled Flexibility



Patented VertiGO Zero-U Patch Panels offer unprecedented versatility for a wide range of installations. In data centres where left- or right-side cabinet installation is ideal, VertiGO can share mounting hardware with servers or other existing equipment. Where traditional cabinet space is lacking, VertiGO can be mounted to a ladder tray, wire basket, directly to the wall, under a raised floor, or even onto modular furniture.

VertiGO addresses three major data centre issues: density, cooling, and appearance. Mounting vertically along a back cabinet rail allows more terminations than would otherwise be possible. Cables can be routed along the cabinet outer edges to improve airflow. The low-profile design fully covers the connections, providing the clean look data centre managers seek.

PATCH PANELS | Voice-Grade Panels & Labeling Solutions

Patch Panels

COPPER



A-C



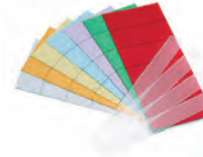
D



E



F



G

VOICE-GRADE PATCH PANELS

- 110-style or female 25-pair configurations
- Unique label delineates 1-, 2-, 4-, or 25-pair termination options
- 25th pair (violet/slate) is not used in 25-pair style panels
- 8P8C panel supports 10/100BASE-T applications
- Features 25-pair female Amphenol® RJ-21X jacks

RJ-21X JACKS PER PATCH PANEL

VOICE-GRADE PANELS

PART NO.	24-PORT	48-PORT
49012	1	2
49014	2	4
49018	4	8

PATCH PANEL LABELING SOLUTIONS

- Universal/110-style labeling kits for 12-, 24-, 48-, and 96-port panels
- QuickPort® kits available for 24- and 48-port panels
- Label holders include adhesive backing

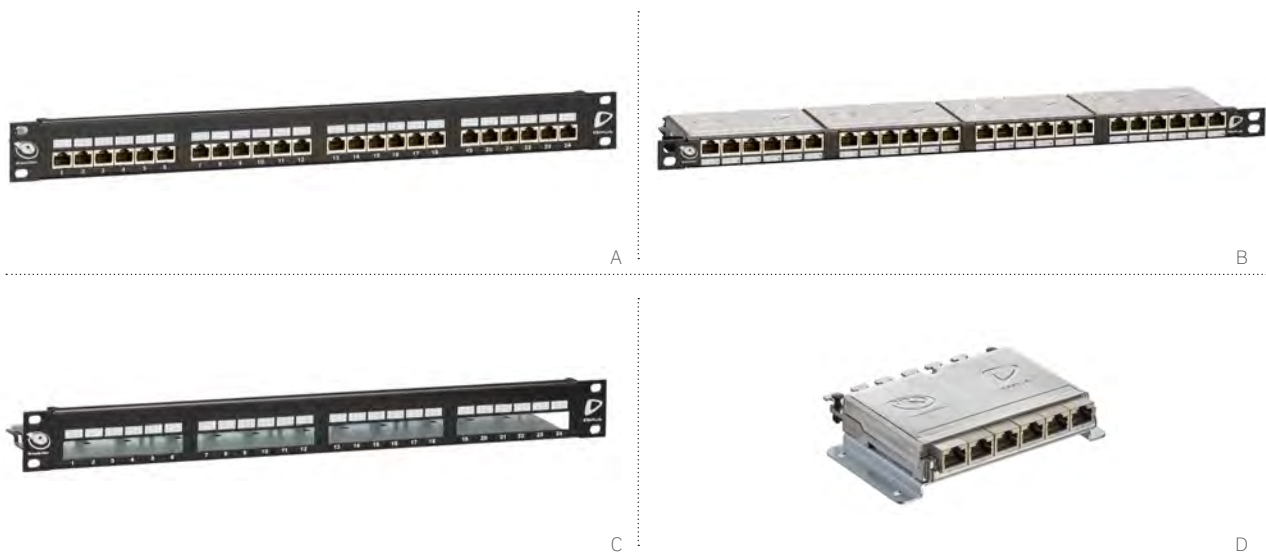
VOICE-GRADE PATCH PANELS

DESCRIPTION	1RU 24-PORT	2RU 48-PORT
8P4C Patch Panel, 110 termination, 4-pin wiring	[A] 49013-P24	[D] 49013-P48
8P4C Patch Panel, two 25-pair jacks per 24 ports, 4-pin wiring	49014-J24	[B] 49014-J48
8P2C Patch Panel, one 25-pair jack per 24 ports, 2-pin wiring	49012-J24	49012-J48
8P8C Patch Panel, one 25-pair jack per 6 ports (supports 10/100BASE-T), 8-pin wiring	[C] 49018-J24	49018-J48

PATCH PANEL LABELING SOLUTIONS

DESCRIPTION	PART NO.
[E] Adhesive Holder and Label Kit for QuickPort Patch Panels (supports 24 ports)	49257-QHD
[F] Adhesive Holder and Label Kit for 110-Style Patch Panels (supports 24 ports)	49257-I24
[G] Designation Kit Replacement for 110-Style Patch Panels (supports 24 ports)	69585-IDL

PATCH PANELS | Brand-Rex Flat 10GPlus® Cat 6A Patch Panels & Modules



Patch Panels
COPPER

10GPLUS CAT 6A PATCH PANELS

- Accepts four shielded removable modular units, each comprising of 6 ports
- Available in 1RU and 0.5RU
- Cable management/strain relief built into the panel rear
- Include numerical port labeling and writable surface above each port
- Standard LSA IDC termination
- Component performance certified by third-party testing lab

10GPLUS CAT 6A CONSOLIDATION POINT MODULES

- Low-profile shielded module with 6 RJ-45 ports
- Includes cable tie points, panel chassis locks, earthing point, and dust caps
- Available with mounting bracket for secure fixing under floors, on walls, and other areas where consolidation points are found

10GPLUS CAT 6A PATCH PANELS

DESCRIPTION	BLACK
[A] 10GPlus 1RU 24-Port Shielded Patch Panel	AC6PNLF240K2M
[B] 10GPlus 0.5RU 24-Port Shielded Patch Panel	AC6PNLF240K2H

10GPLUS CAT 6A PATCH PANELS, CHASSIS ONLY

10GPlus 0.5RU Patch Panel, Chassis Only	AC6PNLC240K2H
[C] 10GPlus 1U Patch Panel, Chassis Only	AC6PNLC240K2M

10GPLUS CAT 6A CONSOLIDATION POINT MODULES

DESCRIPTION	METALLIC
10GPlus Consolidation Point Module, 6 Way	AC6CPF060K
[D] 10GPlus Consolidation Point Module with mounting bracket, 6 Way	AC6CPF060KM

Additional colours available. Contact customer service for details

PATCH PANELS | Brand-Rex Flat Cat6Plus® Cat 6 Patch Panels



Patch Panels
COPPER

CAT6PLUS CAT 6 PATCH PANELS

- 1RU and 0.5RU 24-port panel in shielded and unshielded options
- LSA- and 110-style options
- Rear cable management for easy routing and strain relief
- Include numerical port labeling and writable surface for each port

CAT6PLUS CAT 6 PATCH PANELS, UNSHIELDED	
DESCRIPTION	PART NO.
Cat6Plus 1RU 24-Port LSA-Style, Unshielded, Black	C6CPNLU240K2M
Cat6Plus 1RU 24-Port 110-Style, Unshielded, Black	C6CPNLU24012M
Cat6Plus 0.5RU 24-Port LSA-Style, Unshielded, Grey	C6CPNLU240K8H
[A] Cat6Plus 0.5RU 24-Port LSA-Style, Unshielded, Black	C6CPNLU240K2H
CAT6PLUS CAT 6 PATCH PANELS, SHIELDED	
DESCRIPTION	PART NO.
Cat6Plus 1RU 24-Port LSA-Style, Shielded, Grey	C6CPNLF240K8M
[B] Cat6Plus 1RU 24-Port LSA-Style, Shielded, Black	C6CPNLF240K2M
Cat6Plus 0.5RU 24-Port LSA-Style, Shielded, Grey	C6CPNLF240K8H
Cat6Plus 0.5RU 24-Port LSA-Style, Shielded, Black	C6CPNLF240K2H

PATCH PANELS | Brand-Rex Flat Cat 5e & Voice-Grade Patch Panels



A



B

GIGAPLUS® CAT 5E PATCH PANELS

- Universal IDC panel available in 1RU 24-port and 2RU 48-port options
- Panels available with built-in rear cable management/strain relief
- Include numerical port labeling and writable surface for each port
- LSA and 110 punchdown style options

GIGAPLUS CAT 5E PATCH PANELS, UNSHIELDED

DESCRIPTION	PART NO.
[A] GigaPlus 1RU 24-Port, Universal IDC, Unshielded, Black	GPCPNLU24002
GigaPlus 2RU 48-Port, Universal IDC, Unshielded, Black	GPCPNLU48002
[B] GigaPlus 1RU 24-Port, 110-style, Unshielded, with Cable Management, Black	GPCPNLU24012M

GIGAPLUS CAT 5E PATCH PANELS, SHIELDED

DESCRIPTION	PART NO.
GigaPlus 1RU 24-Port, LSA-style, Shielded, with Cable Management, Black	GPCPNLF240K2M
GigaPlus 1RU 24-Port, 110-style, Shielded, with Cable Management, Black	GPCPNLF24012M



C

VOICE-GRADE PATCH PANELS

- Compact 25-and 50-port panels, both in a 1RU footprint
- Suit a variety of Private Branch exchange (PBX) systems and direct-line connections

VOICE-GRADE PATCH PANELS

DESCRIPTION	25-PORT	50-PORT
[C] Voice panel 4-pin wiring, 1RU, Unshielded, Black	C5CPNLU254PK2M	C5CPNLU504PK2M
Voice panel 4-pin wiring, 1RU, Unshielded, Grey	C5CPNLU254PK8M	C5CPNLU504PK8M
Voice panel 6-pin wiring, 1RU, Unshielded, Black	C5CPNLU256PK2M	C5CPNLU506PK2M

PATCH PANELS | Brand-Rex Snap-In-Jack Patch Panels

COPPER Patch Panels



SNAP-IN-JACK PATCH PANELS

- Modular design accepts Brand-Rex Snap-in Jacks
- 1RU 48-port high-density panel allows jacks to be removed from the front of the cabinet
- Staggered design offers additional crosstalk performance in unshielded 10GPlus® systems
- Unique 'In-Line' angled-port panel facilitates cord routing directly into the vertical side management, saving on space in the rack
- Panels include port numbering and individual preprinted port labeling area

24-PORT COLOURED INSERT SNAP-IN-JACK PATCH PANELS & ACCESSORIES

- Allows for coloured inserts for individual port/ service identification
- Comes with black inserts, optional colours sold separately
- Includes detachable rear manager

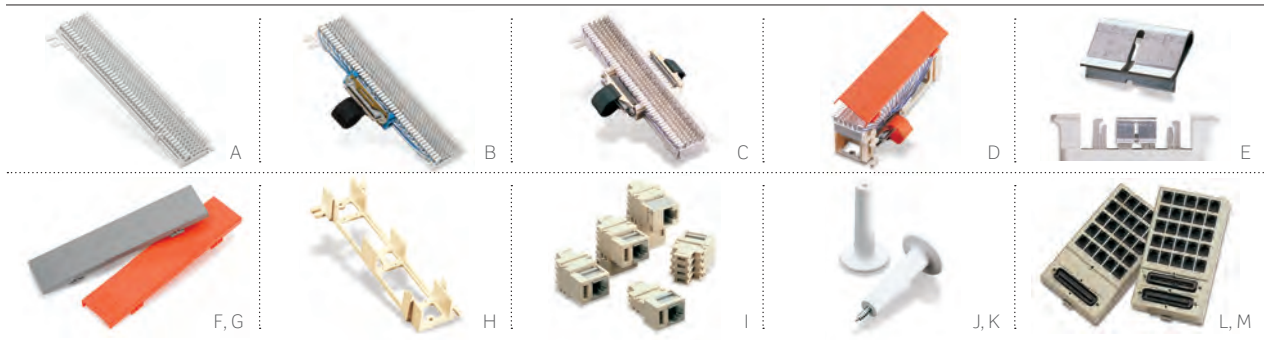
Compatibility References:

See pages A35-A36 for patch panel and jack compatibility.

SNAP-IN-JACK PATCH PANELS		
DESCRIPTION	GREY	BLACK
[A] 1RU 24-Port Modular Inline Panel with Management Bar	MMCPNLX24SIJ8MIL	MMCPNLX24SIJ2MIL
[B] 1RU 48-Port Modular Inline Panel With Management Bar		MMCPNLX48SIJ1U2
[C] 1RU 24-Port Modular Staggered Panel	MMCPNLX24SIJ8	MMCPNLX24SIJ2
[D] 1RU 24-Port Modular Staggered Panel with Management Bar	MMCPNLX24SIJ8M-B	MMCPNLX24SIJ2M-B
[E] 1RU 24-Port Modular Angled Panel with Management Bar		MMCPNLX24SIJ2MAN
[F] Modular Cable Manager (for use with MMCPNLX24SIJ*)	MMCACCCMSIJ8	MMCACCCMSIJ2

Note: Panels supplied empty, Snap-in Jacks must be purchased separately

24-PORT COLOURED INSERT SNAP-IN-JACK PATCH PANELS	
DESCRIPTION	PART NO.
[G] 1RU 24-Port Coloured Insert Snap-in-Jack Panel, Black	MMCPNLX24SIJ2DCI
1RU 24-Port Coloured Insert Snap-in-Jack Panel, Grey	MMCPNLX24SIJ8DCI
[H] Insert with Dust Cover, Red	MMCACCINSDC1
[I] Insert with Dust Cover, Black	MMCACCINSDC2
[J] Insert with Dust Cover, White	MMCACCINSDC3
[K] Insert with Dust Cover, Blue	MMCACCINSDC4
[L] Insert with Dust Cover, Green	MMCACCINSDC5
[M] Insert with Dust Cover, Yellow	MMCACCINSDC6
Insert with Dust Cover, Purple	MMCACCINSDC7
Insert with Dust Cover, Grey	MMCACCINSDC8
Insert with Dust Cover, Orange	MMCACCINSDC9
Retraction Tool	MMCIRT001



66 CONNECTING BLOCKS

- Install individually or in pairs in cross-connect system
- High-impact fire-retardant UL 94V-0 plastic
- Phosphor bronze quick-connect insulation displacement 66-clips
- 25-pair and split 50-pair styles
- Accessories include covers, brackets, wire distribution reels, adaptors, and bridging clips

SURFACE-MOUNT MINI PATCH PANELS

- Excellent for tight spaces and simple breakout patching
- Combine two or more panels for in-line cross connect
- Use with 25-pair cable assemblies
- Wall mountable

Visit Leviton.com/support for detailed termination diagrams.

66 CONNECTING BLOCKS

DESCRIPTION	PART NO.
[A] M-Block: 25-pair [66M1-25]* 10" H x 3 5/16" W x 1 3/16" D	40066-M25
Split M-Block: 50-pair [66M1-50]* 10" H x 3 5/16" W x 1 3/16" D	40066-M50
[B] M-Block, female jack [66M1-50W]* 10" H x 3 5/16" W x 1 3/16" D	40066-0MW
[C] M-Block, female and male jacks [66M1-50W2]* 10" H x 3 5/16" W x 1 3/16" D	40066-MW2
[D] Connectorized Demarc Block [66M1-50R]* 10" H x 3 13/32" W x 2 3/4" D, female Amphenol®	40066-0MR

BRIDGING CLIPS

[E] Bridging Clips (SA-1) (50 per package)	40067-0BC
---	-----------

HINGED COVERS AND SNAP-ON COVERS

Snap-on Cover for M-Blocks: [66MC-4]* 9 15/16" H x 2 15/16" W x 5/16" D	40050-MCV
[F] Hinged Cover for M-Blocks: Grey [66MC4LH-G]* 10" H x 2 7/16" W x 3/4" D	40050-MHG
[G] Hinged Cover for Demarc Blocks: orange [66MC4LH-O]* 10" H x 2 7/16" W x 3/4" D	40050-MHO

BRACKET FOR M BLOCKS AND JACK MOUNTING

[H] M-Block Bracket for Jack Mounting: [89-D/QuickPort® Blocks]* 10" H x 3 13/32" W x 1 1/2" D	40089-00D
---	-----------

[I] MODULAR ADAPTORS

2-Position Modular Adaptor [Tap-2]*, Converts two 66-clip contacts into 6P2C modular jack	40072-0T2
4-Position Modular Adaptor [Tap-4]*, Converts four contacts into 6P4C modular jack	40072-0T4
6-Position Modular Adaptor [Tap-6]*, Converts six contacts into 6P6C modular jack	40072-0T6
8-Position Modular Adaptor, T568B wiring [Tap-8]*, Converts eight contacts into 8P8C non-keyed modular jack	40072-0T8

WIRE DISTRIBUTION REELS

[J] Wire Distribution Reel [20-A]* 1 3/4" Dia. x 3" H	40054-0DS
[K] Wire Distribution Reel with screw [20-B]* 1 3/4" Dia. x 3" H	40054-DSS

SURFACE-MOUNT MINI PATCH PANELS

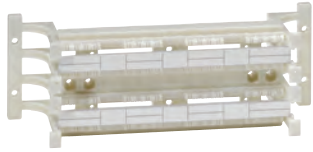
[L] 25 6-position 2-Conductor [RJ-11]* FCC Spec Jacks, connected to a circuit board with one male 25-pair jack	41600-00I
[M] 25 6-position 2-Conductor [RJ-11]* FCC Spec Jacks, connected to a circuit board with two bridged 25-pair jacks	41620-00I
Mounting Magnets (20 per package)	49200-00M

* = Numbers in brackets refer to industry product designation.

CROSS CONNECT | 110-Style Wiring Products

Cross Connect

COPPER



A



B, C

CAT 6A 110-STYLE WIRING BLOCK

- Supports high-frequency data signals up to 500 MHz
- Can be used as a consolidation point (CP) in a TIA-defined 90-metre permanent link
- Designed to mitigate alien crosstalk (AXT)
- Independently tested and verified by Intertek (ETL) to meet all TIA component, permanent link, and channel requirements
- Available in 64-pair wall-mount block

CAT 6 CROSS CONNECT TOWER UNITS

- Cross-connect and cable management with 288-pair capacity, with ability to increase using extension frames
- Supplied with wiring bases and jack blocks for 288 pairs

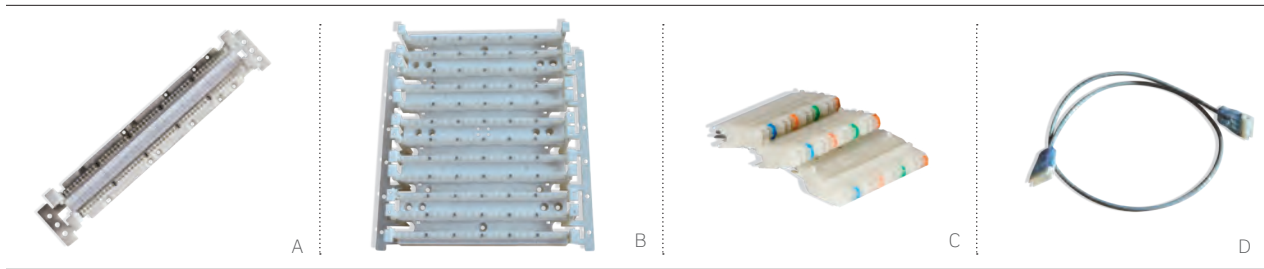
CAT 6A 110-STYLE WALL-MOUNT WIRING BLOCK KITS

DESCRIPTION	64-PAIR
[A] Cat 6A 110-Style Wiring Block, wall mount, with legs and C-4 clips*	41D6A-1F4

* = Cat 6A 110-Style wiring block stand-off legs are non-removable. Legs not sold separately for Cat 6A/6 wiring blocks.

CAT 6 CROSS CONNECT TOWER UNITS

DESCRIPTION	PART NO.
[B] Cat 6 110 Tower, 288-pair mounting frame	C6C110TWR288P
[C] Cat 6 110 Tower, 288-pair extension mounting frame	C6C110TWR288PE



CAT 6 CROSS-CONNECT 110-STYLE WIRING PRODUCTS

- Wiring bases in 48-, 96-, or 288-pair versions with or without legs
- Rack-mounted versions available in 96, 192, or 288 pairs
- Colour coded 4-pair jack blocks supplied in bags of 10
- Patch cords available in 110 to 110 and 110 to RJ45

CAT 6 CROSS-CONNECT 110-STYLE WIRING PRODUCTS

DESCRIPTION	PART NO.
[A] Cat 6 110 wiring base 48-pair with legs	C6C110WB48PL
Cat 6 110 wiring base 48-pair without legs	C6C110WB48P
Cat 6 110 wiring base 48-pair with legs, Kit (includes base and 12 off 4-pair jack blocks)	C6C110WB48PLK
Cat 6 110 wiring base 48-pair without legs, Kit (includes base and 12 off 4-pair jack blocks)	C6C110WB48PK
Cat 6 110 wiring base 96-pair with legs	C6C110WB96PL
Cat 6 110 wiring base 96-pair without legs	C6C110WB96P
Cat 6 110 wiring base 96-pair with legs, Kit (includes 2 off 48-pair base and 24 off 4-pair jack blocks)	C6C110WB96PLK
Cat 6 110 wiring base 96-pair without legs, Kit (includes 2 off 48-pair base and 24 off 4-pair jack blocks)	C6C110WB96PK
[B] Cat 6 110 wiring base 288-pair with legs	C6C110WB288PL
Cat 6 110 wiring base 288-pair without legs	C6C110WB288P
Cat 6 110 wiring base 288-pair with legs, Kit	C6C110WB288PLK
Cat 6 110 wiring base 288-pair without legs, Kit	C6C110WB288PK
Cat 6 110 wiring base 96-pair rack-mounted, Kit	C6C110WB96PRK
Cat 6 110 wiring base 192-pair rack-mounted, Kit	C6C110WB192PRK
Cat 6 110 wiring base 288-pair rack-mounted, Kit	C6C110WB288PRK
Vertical Cable Organiser for 110 Tower	CMV110TWR
Vertical Cable Organiser Extension for 110 Tower	CMV110TWRE
[C] Cat 6 110 Jack Block	C6C110CB4P

CAT 6 CROSS CONNECT PATCH CORDS

DESCRIPTION	110 - 110	110 - RJ45
[D] Cat 6 Cross Connect Patch Cord, 1 m, 4 pairs	C6C110110PC010	C6C110RJ4PC010
Cat 6 Cross Connect Patch Cord, 2 m, 4 pairs	C6C110110PC020	C6C110RJ4PC020
Cat 6 Cross Connect Patch Cord, 3 m, 4 pairs	C6C110110PC030	C6C110RJ4PC030
Cat 6 Cross Connect Patch Cord, 4 m, 4 pairs	C6C110110PC040	C6C110RJ4PC040
Cat 6 Cross Connect Patch Cord, 5 m, 4 pairs	C6C110110PC050	C6C110RJ4PC050

CROSS CONNECT | 110-Style Wiring Products

Cross Connect

COPPER



A, B



C

CAT 5E CROSS-CONNECT TOWER UNITS

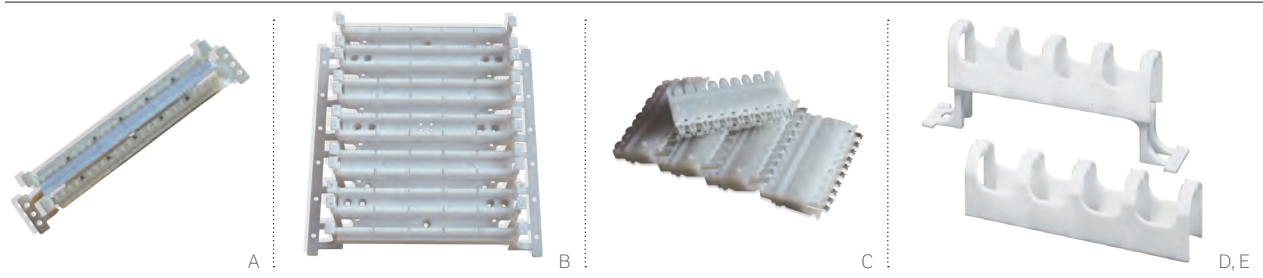
- Cross-connect and cable management with 300-pair capacity, with ability to increase using extension frames
- Supplied with wiring bases and jack blocks for 300 pairs

CAT 5E CROSS-CONNECT TOWER UNITS

DESCRIPTION	PART NO.
[A] Cat 5e 110 Tower, 300-pair mounting frame	GPC110TWR300P
[B] Cat 5e 110 Tower, 300-pair extension mounting frame	GPC110TWR300PE

CAT 5E CROSS-CONNECT PATCH CORDS

DESCRIPTION	110 - 110	110 - RJ45
[C] Cat 5e Cross-Connect Patch Cord, 1 m, 1 pair	GPC110110PC010-1	GPC110RJ4PC010-1
Cat 5e Cross-Connect Patch Cord, 2 m, 1 pair	GPC110110PC020-1	GPC110RJ4PC020-1
Cat 5e Cross-Connect Patch Cord, 3 m, 1 pair	GPC110110PC030-1	GPC110RJ4PC030-1
Cat 5e Cross-Connect Patch Cord, 4 m, 1 pair	GPC110110PC040-1	GPC110RJ4PC040-1
Cat 5e Cross-Connect Patch Cord, 5 m, 1 pair	GPC110110PC050-1	GPC110RJ4PC050-1
Cat 5e Cross-Connect Patch Cord, 1 m, 2 pairs	GPC110110PC010-2	GPC110RJ4PC010-2
Cat 5e Cross-Connect Patch Cord, 2 m, 2 pairs	GPC110110PC020-2	GPC110RJ4PC020-2
Cat 5e Cross-Connect Patch Cord, 3 m, 2 pairs	GPC110110PC030-2	GPC110RJ4PC030-2
Cat 5e Cross-Connect Patch Cord, 4 m, 2 pairs	GPC110110PC040-2	GPC110RJ4PC040-2
Cat 5e Cross-Connect Patch Cord, 5 m, 2 pairs	GPC110110PC050-2	GPC110RJ4PC050-2
Cat 5e Cross-Connect Patch Cord, 1 m, 4 pairs	GPC110110PC010	GPC110RJ4PC010
Cat 5e Cross-Connect Patch Cord, 2 m, 4 pairs	GPC110110PC020	GPC110RJ4PC020
Cat 5e Cross-Connect Patch Cord, 3 m, 4 pairs	GPC110110PC030	GPC110RJ4PC030
Cat 5e Cross-Connect Patch Cord, 4 m, 4 pairs	GPC110110PC040	GPC110RJ4PC040
Cat 5e Cross-Connect Patch Cord, 5 m, 4 pairs	GPC110110PC050	GPC110RJ4PC050



CAT 5E CROSS-CONNECT WIRING PRODUCTS

- Wiring bases in 50-, 100-, or 300-pair versions with or without legs
- Rack-mounted versions available in 100, 200, or 300 pairs
- Colour coded 4- or 5-pair jack blocks supplied in bags of 10
- Patch cords available in 110 to 110 and 110 to RJ45

CAT 5E CROSS-CONNECT WIRING PRODUCTS

DESCRIPTION	PART NO.
[A] Cat 5e 110 wiring base 50-pair with legs	GPC110WB50PL
Cat 5e 110 wiring base 50-pair without legs	GPC110WB50P
Cat 5e 110 wiring base 50-pair with legs, Kit (includes base and 12 off 4-pair jack blocks)	GPC110WB50PLK
Cat 5e 110 wiring base 50-pair without legs, Kit (includes base and 12 off 4-pair jack blocks)	GPC110WB50PK
Cat 5e 110 wiring base 100-pair with legs	GPC110WB100PL
Cat 5e 110 wiring base 100-pair without legs	GPC110WB100P
Cat 5e 110 wiring base 100-pair with legs, Kit (includes 2 off 50-pair base, 25 off 4-pair, and 5 off 5-pair jack blocks)	GPC110WB100PLK
Cat 5e 110 wiring base 100-pair without legs, Kit	GPC110WB100PK
[B] Cat 5e 110 wiring base 300-pair with legs	GPC110WB300PL
Cat 5e 110 wiring base 300-pair without legs	GPC110WB300P
Cat 5e 110 wiring base 300-pair without legs, Kit	GPC110WB300PK
Cat 5e 110 wiring base 100-pair rack-mounted, Kit	GPC110WB100PRK
Cat 5e 110 wiring base 200-pair rack-mounted, Kit	GPC110WB200PRK
Cat 5e 110 wiring base 300-pair rack-mounted, Kit	GPC110WB300PRK
[C] Cat 5e 110 Jack Block - 4 pairs	GPC110CB4P
Cat 5e 110 Jack Block - 5 pairs	GPC110CB5P

CABLE ORGANISERS AND TERMINATION TOOLS

DESCRIPTION	PART NO.
[D] Horizontal Cable Organiser with Legs	CMH110L
[E] Horizontal Cable Organiser without Legs	CMH110
Horizontal Cable Organiser Rack Mounted	CMH110R
Vertical Cable Organiser for 110 Tower	CMV110TWR
Vertical Cable Organiser Extension for 110 Tower	CMV110TWRE

CATEGORY-RATED JACKS | QuickPort® Jack Compatibility

JACK PANEL COMPATIBILITY

Atlas-X1 and eXtreme QuickPort jacks are compatible with all Leviton QuickPort panels, and most Brand-Rex Snap-in-Jack panels. For jack and wallplate compatibility, see pages C9-C10.

- ✓ = Compatible
- ✗ = Not compatible

LEVITON QUICKPORT JACKS

	LEVITON QUICKPORT JACKS				
	SHIELDED	UNSHIELDED			
					
	Atlas-X1™	Atlas-X1	eXtreme®	Audiovisual	
LEVITON QUICKPORT PANELS	 4S255-xxx Flat QuickPort	✓	✓	✓	✓
	 4S256-xxx Angled QuickPort	✓	✓	✓	✓
	 49280-QPx VertiGO® Zero-U, QuickPort	✓	✓	✓	✓
	 C1255-H48 Composite QuickPort	✓	✓	✓	✓
	 E2XHD-BRK e2XHD Empty Cassette	✓	✓	✓	✓
BRAND-REX SNAP-IN-JACK PANELS	 MMCPNLX24SU2MAN Angled Snap-In-Jack Patch Panel	✓	✓	✓	✓
	 MMCPNLX48SIJ1U2 48-Port 1U Snap-In-Jack Patch Panel	✗	✗	✗	✗
	 MMCPNLX24SIJ2MIL 24-Port In-Line Snap-In-Jack Patch Panel	✓	✓	✓	✓
	 MMCPNLX24SIJ2DCI 24-Port Coloured Insert Snap-In-Jack Patch Panel	✓	✓	✓	✓
	 MMCPNLX24SIJx, MMCPNLX48SIJx, MMCPNLX24SIJxM-B 24- & 48-Port Staggered Snap-In-Jack Patch Panel	✓	✓	✓	✓

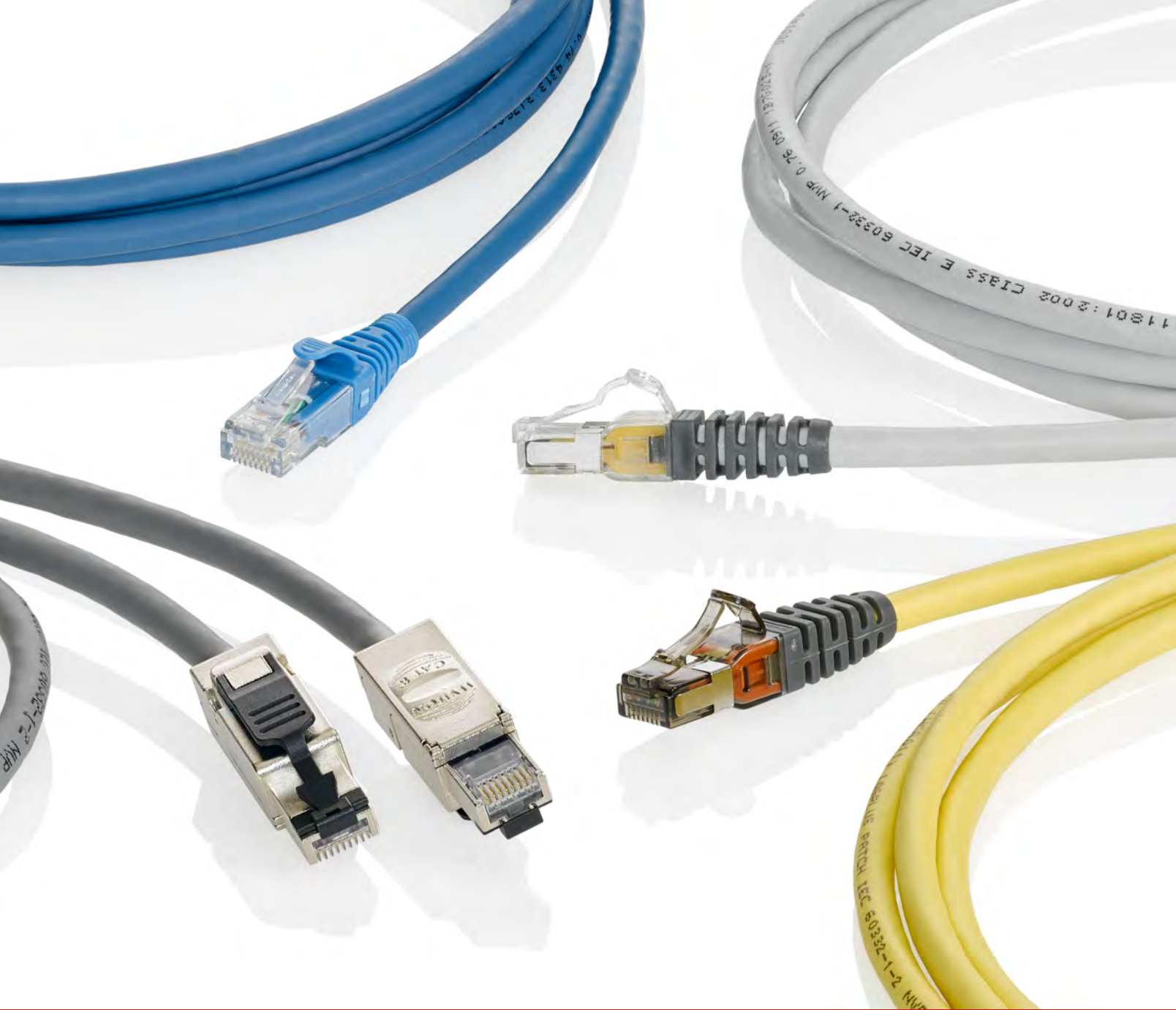
Patch Cords

COPPER

CATEGORY-RATED JACKS | Brand-Rex Jack Compatibility

BRAND-REX JACKS				
SHIELDED		UNSHIELDED		
 Tool-Free 10GPlus®, Cat6Plus®	 LSA/110, 10GPlus, Cat6Plus, GigaPlus®	 Tool-Free, 10GPlus, Cat6Plus, GigaPlus	 LSA/110, 10GPlus, Cat6Plus, GigaPlus	 110-Style Lead Frame Cat 5e
X	X	X	X	✓
X	X	X	X	✓
X	X	X	X	✓
X	X	X	X	✓
X	X	X	X	✓
✓	X	✓	X	✓
✓	X	X	X	X
✓	X	✓	X	✓
✓	X	✓	X	✓
✓	✓	✓	✓	✓

Patch Cords
COPPER



FEATURED PRODUCTS

Atlas-X1™ Cat 8 Patch Cords **A38**

Patch Cords

Our copper patch cords are designed to ensure the highest levels of performance, reliability, and longevity whether supporting mission-critical, large-enterprise, or small-business applications.



NEW
Cat 8

ATLAS-X1™ CAT 8 PATCH CORDS

- Part of a complete Atlas-X1 Cat 8 shielded system for 25/40GBASE-T networks
- Provides excellent alien crosstalk suppression and EMI/RFI protection
- Outside diameter of 6.2 mm ensures ease of management
- Independently tested and guaranteed to meet or exceed requirements as specified in ANSI/TIA-568-C.2-1 and ISO/IEC 11801 Class I
- Dual-listed CM/Low-smoke halogen-free materials as standard

For Cat 8 jacks, see page A8.

For Cat 8 cable, see page A44.

WATCH: ATLAS-X1 CAT 8 VIDEO



Leviton.com/ns/videos
"Atlas-X1 Cat 8 System"

ATLAS-X1 CAT 8 SHIELDED PATCH CORDS, CM/LSZH

DESCRIPTION	PART NUMBER
Cat 8 S/FTP, 0,5 m, Grey	81Z10-SD5
Cat 8 S/FTP, 1 m, Grey	81Z10-S01
Cat 8 S/FTP, 2 m, Grey	81Z10-S02
Cat 8 S/FTP, 3 m, Grey	81Z10-S03
Cat 8 S/FTP, 4 m, Grey	81Z10-S04
Cat 8 S/FTP, 5 m, Grey	81Z10-S05

All Leviton Cat 8 patch cords are RoHS Compliant.
Patch cord jacket colours below:



Grey

SPOTLIGHT

Atlas-X1 Cat 8: Built For Demanding Mission-Critical Networks



Category 8 cabling systems will play a major role in data centres and mission-critical environments upgrading to 25/40GBASE-T. Leviton has engineered its Atlas-X1 Category 8 system with additional quality and flexibility to meet these new demanding applications. The Cat 8 system performance has been verified by independent testing labs. It is also the first system to support shielded applications from Category 5e to 8 using the same RJ-45 jack form factor, creating a smart, simple migration path.

Learn more at Leviton.com/Cat8.

PATCH CORDS | Cat 6A Patch Cords



CAT 6A S/FTP STRANDED PATCH CORDS

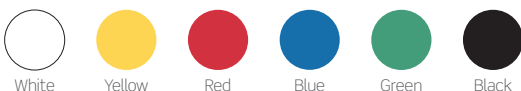
- Factory-made and tested 26-gauge patch cords offer guaranteed quality and optimum performance
- Low-profile boots for higher density blade connectivity
- Shielded S/FTP cable type is standard for stranded cords
- Low-smoke halogen-free materials as standard
- Accept clip-on coloured boot markers for network identifications (see options below)
- Unique wire management design to optimise performance
- Backwards compatible to Cat 6 and Cat 5e

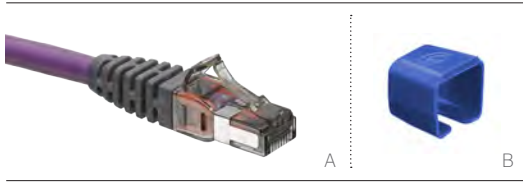
CAT 6A S/FTP PATCH CORDS		
DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Cat 6A S/FTP Stranded, 1 m, Grey	6AZ10-S01	AC6PCG010-888HB
Cat 6A S/FTP Stranded, 1 m, Red	6AZ10-R01	AC6PCG010-188HB
Cat 6A S/FTP Stranded, 1 m, Blue	6AZ10-L01	AC6PCG010-488HB
Cat 6A S/FTP Stranded, 1 m, Green	6AZ10-G01	AC6PCG010-588HB
Cat 6A S/FTP Stranded, 1 m, Yellow	6AZ10-Y01	AC6PCG010-688HB
[A] Cat 6A S/FTP Stranded, 2 m, Grey	6AZ10-S02	AC6PCG020-888HB
Cat 6A S/FTP Stranded, 2 m, Red	6AZ10-R02	AC6PCG020-188HB
Cat 6A S/FTP Stranded, 2 m, Blue	6AZ10-L02	AC6PCG020-488HB
Cat 6A S/FTP Stranded, 2 m, Green	6AZ10-G02	AC6PCG020-588HB
Cat 6A S/FTP Stranded, 2 m, Yellow	6AZ10-Y02	AC6PCG020-688HB
Cat 6A S/FTP Stranded, 3 m, Grey	6AZ10-S03	AC6PCG030-888HB
Cat 6A S/FTP Stranded, 3 m, Red	6AZ10-R03	AC6PCG030-188HB
Cat 6A S/FTP Stranded, 3 m, Blue	6AZ10-L03	AC6PCG030-488HB
Cat 6A S/FTP Stranded, 3 m, Green	6AZ10-G03	AC6PCG030-588HB
Cat 6A S/FTP Stranded, 3 m, Yellow	6AZ10-Y03	AC6PCG030-688HB
Cat 6A S/FTP Stranded, 5 m, Grey	6AZ10-S05	AC6PCG050-888HB
Cat 6A S/FTP Stranded, 5 m, Red	6AZ10-R05	AC6PCG050-188HB
Cat 6A S/FTP Stranded, 5 m, Blue	6AZ10-L05	AC6PCG050-488HB
Cat 6A S/FTP Stranded, 5 m, Green	6AZ10-G05	AC6PCG050-588HB
Cat 6A S/FTP Stranded, 5 m, Yellow	6AZ10-Y05	AC6PCG050-688HB

Also available in white, violet, and black. Non-standard colour and length options are available to order on request.

Note:- Boots are only available in Slate Grey. If boot colouring is required, a Retrofit coloured boot clip can be purchased separately.
(Brand-Rex ref.:MMCPCHBz Where z = 1= Red, 4 = Blue 5 = Green 6 = Yellow)

RETROFIT PATCH CORD CLIPS		
DESCRIPTION	QTY	BRAND-REX PART NO.
[B] Retrofit Patch Cord Clip, Red	100	MMCPCHB001
Retrofit Patch Cord Clip, Black	100	MMCPCHB002
Retrofit Patch Cord Clip, White	100	MMCPCHB003
Retrofit Patch Cord Clip, Blue	100	MMCPCHB004
Retrofit Patch Cord Clip, Green	100	MMCPCHB005
Retrofit Patch Cord Clip, Yellow	100	MMCPCHB006





CAT 6A U/FTP SOLID PATCH CORDS

- Factory-made and tested 26-gauge patch cords offer guaranteed quality and optimum performance
- Low-profile boots for higher density blade connectivity
- U/FTP cable type for solid cords
- Low-smoke halogen-free materials as standard
- Accept clip-on coloured boot markers for network identifications (see options below)
- Unique design of wire management throughout the jack length ensures consistent performance
- Backwards compatible to Cat 6 and Cat 5e

CAT 6A U/FTP PATCH CORDS

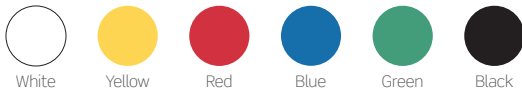
DESCRIPTION	BRAND-REX PART NO.
Cat 6A U/FTP Solid, 10 m, Violet	AC6PCG100-788HBS
[A] Cat 6A U/FTP Solid, 20 m, Violet	AC6PCG200-788HBS
Cat 6A U/FTP Solid, 30 m, Violet	AC6PCG300-788HBS
Cat 6A U/FTP Solid, 40 m, Violet	AC6PCG400-788HBS
Cat 6A U/FTP Solid, 50 m, Violet	AC6PCG500-788HBS
Cat 6A U/FTP Solid, 60 m, Violet	AC6PCG600-788HBS

Also available in white, violet, and black. Non-standard colour and length options are available to order on request.

Note:- Boots are only available in Slate Grey. If boot colouring is required, a Retrofit coloured boot clip can be purchased separately.
(Brand-Rex ref:-MMCPCHBz Where z = 1= Red, 4 = Blue 5 = Green 6 = Yellow)

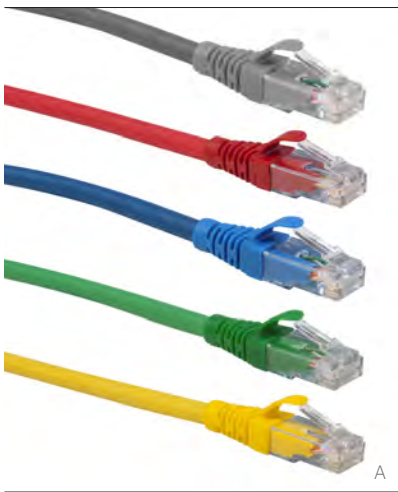
RETROFIT PATCH CORD CLIPS

DESCRIPTION	QTY	BRAND-REX PART NO.
Retrofit Patch Cord Clip, Red	100	MMCPCHB001
Retrofit Patch Cord Clip, Black	100	MMCPCHB002
Retrofit Patch Cord Clip, White	100	MMCPCHB003
[B] Retrofit Patch Cord Clip, Blue	100	MMCPCHB004
Retrofit Patch Cord Clip, Green	100	MMCPCHB005
Retrofit Patch Cord Clip, Yellow	100	MMCPCHB006



PATCH CORDS | Cat 6 Patch Cords

COPPER
Patch Cords



CAT 6 U/UTP & S/FTP PATCH CORDS

- Factory-made and tested patch cords offer guaranteed quality and performance
- Low profile boots for higher density connectivity
- Available in shielded S/FTP and unshielded
- Low-smoke halogen-free materials as standard

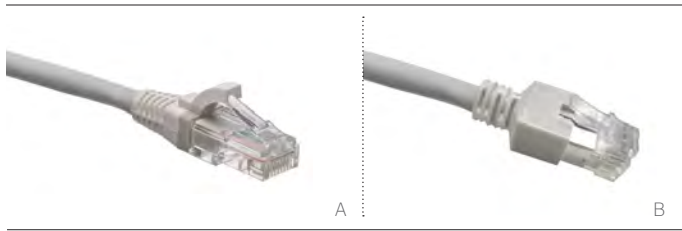
[A] U/UTP PATCH CORDS		
DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Cat 6 U/UTP, 1 m, Grey	6Z460-S01	C6PCPU010-888BB
Cat 6 U/UTP, 1 m, Red	6Z460-R01	C6PCPU010-111BB
Cat 6 U/UTP, 1 m, Blue	6Z460-L01	C6PCPU010-444BB
Cat 6 U/UTP, 1 m, Green	6Z460-G01	C6PCPU010-555BB
Cat 6 U/UTP, 1 m, Yellow	6Z460-Y01	C6PCPU010-666BB
Cat 6 U/UTP, 2 m, Grey	6Z460-S02	C6PCPU020-888BB
Cat 6 U/UTP, 2 m, Red	6Z460-R02	C6PCPU020-111BB
Cat 6 U/UTP, 2 m, Blue	6Z460-L02	C6PCPU020-444BB
Cat 6 U/UTP, 2 m, Green	6Z460-G02	C6PCPU020-555BB
Cat 6 U/UTP, 2 m, Yellow	6Z460-Y02	C6PCPU020-666BB
Cat 6 U/UTP, 3 m, Grey	6Z460-S03	C6PCPU030-888BB
Cat 6 U/UTP, 3 m, Red	6Z460-R03	C6PCPU030-111BB
Cat 6 U/UTP, 3 m, Blue	6Z460-L03	C6PCPU030-444BB
Cat 6 U/UTP, 3 m, Green	6Z460-G03	C6PCPU030-555BB
Cat 6 U/UTP, 3 m, Yellow	6Z460-Y03	C6PCPU030-666BB
Cat 6 U/UTP, 5 m, Grey	6Z460-S05	C6PCPU050-888BB
Cat 6 U/UTP, 5 m, Red	6Z460-R05	C6PCPU050-111BB
Cat 6 U/UTP, 5 m, Blue	6Z460-L05	C6PCPU050-444BB
Cat 6 U/UTP, 5 m, Green	6Z460-G05	C6PCPU050-555BB
Cat 6 U/UTP, 5 m, Yellow	6Z460-Y05	C6PCPU050-666BB

S/FTP PATCH CORDS*	
DESCRIPTION	BRAND-REX PART NO.
Cat 6 S/FTP, 1 m, Grey	C6PCPS010-888HB
Cat 6 S/FTP, 1 m, Red	C6PCPS010-188HB
Cat 6 S/FTP, 1 m, Blue	C6PCPS010-488HB
Cat 6 S/FTP, 1 m, Green	C6PCPS010-588HB
Cat 6 S/FTP, 1 m, Yellow	C6PCPS010-688HB
Cat 6 S/FTP, 2 m, Grey	C6PCPS020-888HB
Cat 6 S/FTP, 2 m, Red	C6PCPS020-188HB
Cat 6 S/FTP, 2 m, Blue	C6PCPS020-488HB
Cat 6 S/FTP, 2 m, Green	C6PCPS020-588HB
Cat 6 S/FTP, 2 m, Yellow	C6PCPS020-688HB
Cat 6 S/FTP, 3 m, Grey	C6PCPS030-888HB
Cat 6 S/FTP, 3 m, Red	C6PCPS030-188HB
Cat 6 S/FTP, 3 m, Blue	C6PCPS030-488HB
Cat 6 S/FTP, 3 m, Green	C6PCPS030-588HB
Cat 6 S/FTP, 3 m, Yellow	C6PCPS030-688HB
Cat 6 S/FTP, 5 m, Grey	C6PCPS050-888HB
Cat 6 S/FTP, 5 m, Red	C6PCPS050-188HB
Cat 6 S/FTP, 5 m, Blue	C6PCPS050-488HB
Cat 6 S/FTP, 5 m, Green	C6PCPS050-588HB
Cat 6 S/FTP, 5 m, Yellow	C6PCPS050-688HB

* On the S/FTP Cords, the boots are only available in Slate Grey. If boot colouring is required, a retrofit coloured clip can be purchased separately. See page A40 for Retrofit Patch Cord Clip part numbers. (Brand-Rex ref.-MMCPCHB00z Where z = 1= Red, 4 = Blue 5 = Green 6 =Yellow)

CAT6PLUS U/UTP SOLID PATCH CORDS	
DESCRIPTION	BRAND-REX PART NO.
Cat6Plus U/UTP Solid Patch Cord, Violet	C6PCPUxx0-777HS
Cat6Plus U/UTP Solid Patch Cord, Grey	C6PCPUxx0-888HS

xx= length (10-90 metres)



CAT 5E U/UTP & F/UTP PATCH CORDS

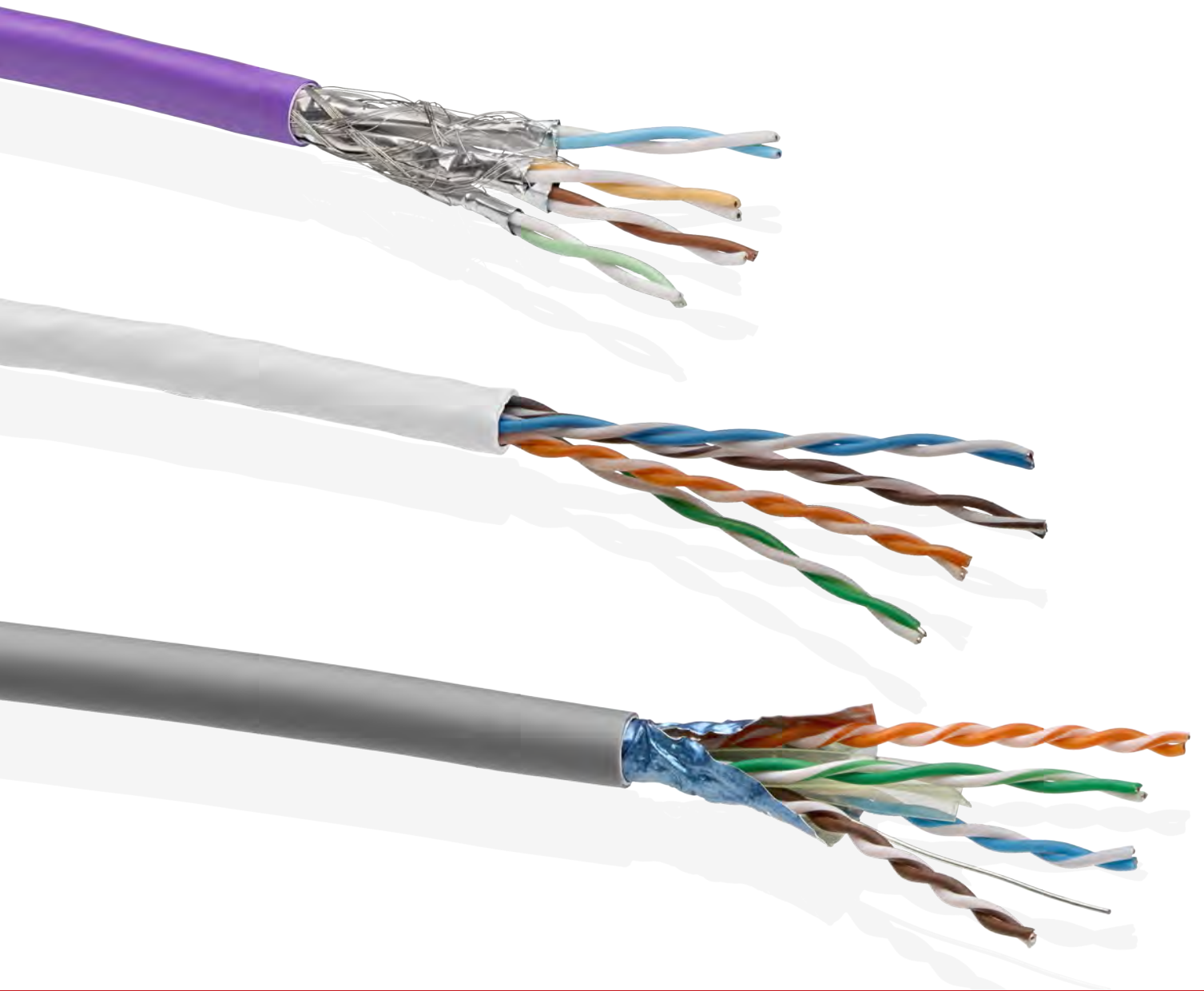
- Factory-made and tested patch cords offer guaranteed quality and performance
- Low-profile boots for higher density connectivity
- Available in shielded and unshielded
- Available in a variety of lengths and colours

[A] CAT 5E U/UTP PATCH CORDS

DESCRIPTION	BRAND-REX PART NO.
Cat 5e U/UTP, 1 m, Grey	GPCPCU010-888HB
Cat 5e U/UTP, 1 m, Red	GPCPCU010-111HB
Cat 5e U/UTP, 1 m, Blue	GPCPCU010-444HB
Cat 5e U/UTP, 1 m, Green	GPCPCU010-555HB
Cat 5e U/UTP, 1 m, Yellow	GPCPCU010-666HB
Cat 5e U/UTP, 2 m, Grey	GPCPCU020-888HB
Cat 5e U/UTP, 2 m, Red	GPCPCU020-111HB
Cat 5e U/UTP, 2 m, Blue	GPCPCU020-444HB
Cat 5e U/UTP, 2 m, Green	GPCPCU020-555HB
Cat 5e U/UTP, 2 m, Yellow	GPCPCU020-666HB
Cat 5e U/UTP, 3 m, Grey	GPCPCU030-888HB
Cat 5e U/UTP, 3 m, Red	GPCPCU030-111HB
Cat 5e U/UTP, 3 m, Blue	GPCPCU030-444HB
Cat 5e U/UTP, 3 m, Green	GPCPCU030-555HB
Cat 5e U/UTP, 3 m, Yellow	GPCPCU030-666HB
Cat 5e U/UTP, 5 m, Grey	GPCPCU050-888HB
Cat 5e U/UTP, 5 m, Red	GPCPCU050-111HB
Cat 5e U/UTP, 5 m, Blue	GPCPCU050-444HB
Cat 5e U/UTP, 5 m, Green	GPCPCU050-555HB
Cat 5e U/UTP, 5 m, Yellow	GPCPCU050-666HB

[B] CAT 5E F/UTP PATCH CORDS

DESCRIPTION	BRAND-REX PART NO.
Cat 5e F/UTP, 1 m, Grey	GPCPCF010-888H
Cat 5e F/UTP, 1 m, Red	GPCPCF010-111H
Cat 5e F/UTP, 1 m, Blue	GPCPCF010-444H
Cat 5e F/UTP, 1 m, Green	GPCPCF010-555H
Cat 5e F/UTP, 1 m, Yellow	GPCPCF010-666H
Cat 5e F/UTP, 2 m, Grey	GPCPCF020-888H
Cat 5e F/UTP, 2 m, Red	GPCPCF020-111H
Cat 5e F/UTP, 2 m, Blue	GPCPCF020-444H
Cat 5e F/UTP, 2 m, Green	GPCPCF020-555H
Cat 5e F/UTP, 2 m, Yellow	GPCPCF020-666H
Cat 5e F/UTP, 3 m, Grey	GPCPCF030-888H
Cat 5e F/UTP, 3 m, Red	GPCPCF030-111H
Cat 5e F/UTP, 3 m, Blue	GPCPCF030-444H
Cat 5e F/UTP, 3 m, Green	GPCPCF030-555H
Cat 5e F/UTP, 3 m, Yellow	GPCPCF030-666H
Cat 5e F/UTP, 5 m, Grey	GPCPCF050-888H
Cat 5e F/UTP, 5 m, Red	GPCPCF050-111H
Cat 5e F/UTP, 5 m, Blue	GPCPCF050-444H
Cat 5e F/UTP, 5 m, Green	GPCPCF050-555H
Cat 5e F/UTP, 5 m, Yellow	GPCPCF050-666H



FEATURED PRODUCTS

Cat 8 Cables **A44**

Zone Cables **A45**

Copper Cables

Leviton and Brand-Rex offer best-in-class copper cables that are tested to exceed industry standards. From Category 8 cable for the latest 40 Gb/s data centre networks, to flexible and reliable cable for Gigabit enterprise applications, we have the ideal cabling solution for all types of demanding networks.

**NEW
Cat 8**

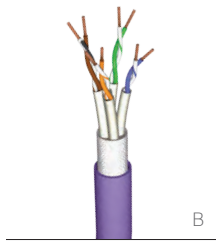


ATLAS-X1™ CAT 8 SHIELDED CABLE

- Independently tested and verified to meet ANSI/TIA Cat 8 and ISO 11801 Class I performance
- 22-gauge construction
- Mylar® tape and aluminium shield provide a high level of security
- Available in IEC 60332-1 (LSZH) flame rating
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-11-1, and EN 50575:2014 (Euroclass): Euroclass B2ca
- IEEE Draft 802.3bt (Type 4) Power over Ethernet (PoE+) applications up to 100 watts
- Supports 25/40GBASE-T networks

Atlas-X1 Cat 8

See page A38 for more information about Atlas-X1 Cat 8 solutions.



CAT 7A SHIELDED CABLE

- Supports 10 Gigabit Ethernet protocol for installation in horizontal and backbone areas
- Cat 7A cable compliant with ISO/IEC 61156-5 and EN 50288-9-1
- Available in IEC 60332-1-2 and 60332-3-24 (LSZH) flame ratings
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-9-1 and EN 50575:2014 (Euroclass)
- Third-party independent certificates of compliance (from 3P) are available

CAT 7 SHIELDED CABLE

- Supports 10 Gigabit Ethernet protocol for installation in horizontal and backbone areas
- Cat 7 cable compliant with ISO/IEC 61156-5 and EN 50288-4-1
- Available in IEC 60332-1-2 and 60332-3-24 (LSZH) flame ratings
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-4-1 and EN 50575:2014 (Euroclass)
- Third-party independent certificates of compliance (from 3P) are available

ATLAS-X1 CAT 8 CABLES (Euroclass B2ca)

DESCRIPTION	LEVITON PART NO.
[A] Class I/Cat 8 S/FTP Cable, LSZH (HF1), Orange, 500 m Reel	127-SFS82-50S

CAT 7A S/FTP CABLES (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Class F _A /Cat 7A S/FTP Cable, LSZH (HF1), Violet, 500 m Reel	125-SF7AZ-5VS	UM12-HF1-Eca-500VT
[B] Class F _A /Cat 7A S/FTP Cable, LSZH (HF1), Violet, 1000 m Reel		UM12-HF1-Eca-1000VT
Class F _A /Cat 7A S/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel		UM12-HF1-Eca-D500VT
Class F _A /Cat 7A S/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel		UM12-HF1-Eca-D1000VT
Class F _A /Cat 7A S/FTP Cable, LSZH (HF1), Blue, 500 m Reel	126-SF7AZ-5LS	UM12-HF1-Eca-500BU
Class F _A /Cat 7A S/FTP Cable, LSZH (HF1), Blue, 1000 m Reel		UM12-HF1-Eca-1000BU
Class F _A /Cat 7A S/FTP Cable, LSZH (HF3), Blue, 500 m Reel		UM12-HF3-Eca-D500BU
Class F _A /Cat 7A S/FTP Cable, LSZH (HF3), Blue, 1000 m Reel		UM12-HF3-Eca-D1000BU

CAT 7 S/FTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Class F/Cat 7 S/FTP Cable, LSZH (HF1), Violet, 500 m Reel	UM10-HF1-Eca-500VT
Class F/Cat 7 S/FTP Cable, LSZH (HF1), Violet, 1000 m Reel	UM10-HF1-Eca-1000VT
Class F/Cat 7 S/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel	UM10-HF1-Eca-D500VT
Class F/Cat 7 S/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel	UM10-HF1-Eca-D1000VT
Class F/Cat 7 S/FTP Cable, LSZH (HF3), Blue, 500 m Reel	UM10-HF3-Eca-500BU
Class F/Cat 7 S/FTP Cable, LSZH (HF3), Blue, 1000 m Reel	UM10-HF3-Eca-1000BU
Class F/Cat 7 S/FTP Cable, LSZH (HF3), Blue, 500 m Reel	UM10-HF3-Eca-D500BU
Class F/Cat 7 S/FTP Cable, LSZH (HF3), Blue, 1000 m Reel	UM10-HF3-Eca-D1000BU

CAT 7 S/FTP CABLES (External Polyethylene sheath)

Class F/Cat 7 S/FTP Cable, LSZH (HF1-X), Black, 500 m Reel	UM10-HF1-X-500BK
Class F/Cat 7 S/FTP Cable, LSZH (HF1-X), Black, 1000 m Reel	UM10-HF1-X-1000BK

Fire safety rating, HF1 = IEC 60332-1-2, HF3 = IEC 60332-3-24, LSZH = Low Smoke Zero Halogen

CABLE | Cat 6A Shielded Cables



A

CAT 6A SHIELDED CABLES

- Mylar® tape and aluminium shield provide a high level of security for sensitive networks
- Lower bit errors, resulting in increased network performance
- Independently tested and verified to meet ANSI/TIA Cat 6A and ISO 11801 Class E_A performance
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-10-1 and EN 50575:2014 (Euroclass)
- Available in IEC 60332-1-2 (HF1) and 60332-3-24 (HF3) (LSZH) flame ratings
- IEEE Draft 802.3bt (Type 4) Power over Ethernet (PoE+) applications up to 100 watts

CAT 6A S/FTP CABLES (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Cat 6A S/FTP Cable, LSZH (HF1), White, 500 m Reel	128-SFTAZ-5WS	AC6S/FTP-HF1-Eca-500WH
Cat 6A S/FTP Cable, LSZH (HF1), Grey, 500 m Reel	127-SFTAZ-5SS	AC6S/FTP-HF1-Eca-500GY
[A] Cat 6A S/FTP Cable, LSZH (HF1), Violet, 500 m Reel	129-SFTAZ-5VS	AC6S/FTP-HF1-Eca-500VT
Cat 6A S/FTP Cable, LSZH (HF1), Violet, 1000 m Reel		AC6S/FTP-HF1-Eca-1000VT
Cat 6A S/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel		AC6S/FTP-HF1-Eca-D500VT
Cat 6A S/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel		AC6S/FTP-HF1-Eca-D1000VT
Cat 6A S/FTP Cable, LSZH (HF3), Blue, 500 m Reel		AC6S/FTP-HF3-Eca-500BU
Cat 6A S/FTP Cable, LSZH (HF3), Blue, 1000 m Reel		AC6S/FTP-HF3-Eca-1000BU

CAT 6A F/FTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Cat 6A F/FTP Cable, LSZH (HF1), Violet, 500 m Reel	AC6F/FTP-HF1-Eca-500VT
Cat 6A F/FTP Cable, LSZH (HF1), Violet, 1000 m Reel	AC6F/FTP-HF1-Eca-1000VT
Cat 6A F/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel	AC6F/FTP-HF1-Eca-D500VT
Cat 6A F/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel	AC6F/FTP-HF1-Eca-D1000VT
Cat 6A F/FTP Cable, LSZH (HF3), Blue, 500 m Reel	AC6F/FTP-HF3-Eca-500BU
Cat 6A F/FTP Cable, LSZH (HF3), Blue, 1000 m Reel	AC6F/FTP-HF3-Eca-1000BU

CAT 6A U/FTP CABLES (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Cat 6A U/FTP Cable, LSZH (HF1), White, 500 m Reel	128-UFPAZ-5WS	AC6U/FTP-HF1-Eca-500WH
Cat 6A U/FTP Cable, LSZH (HF1), Violet, 500 m Reel	129-UFPAZ-5VS	AC6U/FTP-HF1-Eca-500VT
Cat 6A U/FTP Cable, LSZH (HF1), Violet, 1000 m Reel		AC6U/FTP-HF1-Eca-1000VT
Cat 6A U/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel		AC6U/FTP-HF1-Eca-D500VT
Cat 6A U/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel		AC6U/FTP-HF1-Eca-D1000VT
Cat 6A U/FTP Cable, LSZH (HF3), Blue, 500 m Reel		AC6U/FTP-HF3-Eca-500BU
Cat 6A U/FTP Cable, LSZH (HF3), Blue, 100 m Reel		AC6U/FTP-HF3-Eca-1000BU

CAT 6A U/FTP ZONE CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Cat 6A U/FTP Zone Cable, LSZH (HF1), Violet, 305 m Reel Box	AC6-DCZ-Eca-Rlx-305VT
Cat 6A U/FTP Zone Cable, LSZH (HF1), Violet, 500 m Reel	AC6-DCZ-Eca-500VT
Cat 6A U/FTP Zone Cable, LSZH, (HF1), Violet, 1000 m Reel	AC6-DCZ-Eca-1000VT
Cat 6A U/FTP Zone Cable, LSZH, (HF3), Blue, 500 m Reel	AC6-DCZ-HF3-Eca-500BU
Cat 6A U/FTP Zone Cable, LSZH, (HF3), Blue, 1000 m Reel	AC6-DCZ-HF3-Eca-1000BU

Fire safety rating, HF1 = IEC 60332-1-2, HF3 = IEC 60332-3-24



A



B

EXTREME® CAT 6A UNSHIELDED CABLES

- Independently tested and verified to meet ANSI/TIA Cat 6A and ISO 11801 Class E_A performance
- Provides bandwidth required for multimedia, video, and other future applications
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-11-1 and EN 50575:2014 (Euroclass)
- Available in IEC 60332-1 (LSZH) flame ratings
- IEEE Draft 802.3bt (Type 4) Power over Ethernet (PoE+) applications up to 100 watts

10GPLUS CAT 6A UNSHIELDED CABLES

- 23-gauge Solid Annealed Copper Wire
- Central Cross Filler for increased internal crosstalk suppression
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-11-1 and EN 50575:2014 (Euroclass)
- Compliant with ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-11-1
- Meets IEC 60754-2 and IEC 61034
- Available in IEC 60332-1-2 and 60332-3-24, and 60332-3-22 flame ratings

EXTREME CAT 6A U/UTP CABLES (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.
Cat 6A U/UTP Cable, LSZH, Violet, 305 m Reel	206-UTCAZ-MVS
[A] Cat 6A U/UTP Cable, LSZH, Blue, 305 m Reel	203-UTCAZ-MLS
Cat 6A U/UTP Cable, LSZH, Grey, 305 m Reel	205-UTCAZ-MSS

10GPLUS CAT 6A U/UTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Cat 6A U/UTP Cable, LSZH (HF1), Violet, 500 m Reel	AC6U-HF1-Eca-500VT
[B] Cat 6A U/UTP Cable, LSZH (HF1), Violet, 1000 m Reel	AC6U-HF1-Eca-1000VT
Cat 6A U/UTP Cable, LSZH (HF3), Blue, 500 m Reel	AC6U-HF3-Eca-500BU
Cat 6A U/UTP Cable, LSZH (HF3), Blue, 1000 m Reel	AC6U-HF3-Eca-1000BU
Cat 6A U/UTP Cable, LSZH (HF3-22), Green, 500 m Reel	AC6U-HF3-22-Eca-500GN

Fire safety rating: HF1 = IEC 60332-1-2, HF3 = IEC 60332-3-24, HF3-22 = IEC 60332-3-2

CABLE | Cat 6 Shielded Cables



CAT 6 SHIELDED CABLES

- Mylar® tape and aluminium shield offers increased signal isolation, preventing contaminant noise from entering system
- Optimal support for Gigabit Ethernet
- Reduces signal emissions for secure transmissions
- Independently tested and verified to exceed ANSI/TIA-568-C.2 Cat 6, IEEE 802.3an 1000BASE-T, and ISO/IEC 11801 Class E standards
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-5-1 and EN 50575:2014 (Euroclass)
- Available in IEC 60332-1-2 and 60332-3-24 flame ratings
- IEEE Draft 802.3bt (Type 4) Power over Ethernet (PoE+) applications up to 100 watts

CAT 6 S/FTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Cat 6 S/FTP Cable, LSZH (HF1), Violet, 500 m Reel	C6S/FTP-HF1-Eca-500VT
Cat 6 S/FTP Cable, LSZH (HF1), Violet, 1000 m Reel	C6S/FTP-HF1-Eca-1000VT
Cat 6 S/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel	C6S/FTP-HF1-Eca-D500VT
Cat 6 S/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel	C6S/FTP-HF1-Eca-D1000VT
Cat 6 S/FTP Cable, LSZH (HF3), Blue, 500 m Reel	C6S/FTP-HF3-Eca-500BU
Cat 6 S/FTP Cable, LSZH (HF3), Blue, 1000 m Reel	C6S/FTP-HF3-Eca-1000BU
Cat 6 S/FTP Cable, LSZH (HF3), Blue, Duplex, 500 m Reel	C6S/FTP-HF3-Eca-D500BU

CAT 6 F/FTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Cat 6 F/FTP Cable, LSZH (HF1), Violet, 500 m Reel	C6F/FTP-HF1-Eca-500VT
Cat 6 F/FTP Cable, LSZH (HF1), Violet, 1000 m Reel	C6F/FTP-HF1-Eca-1000VT
Cat 6 F/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel	C6F/FTP-HF1-Eca-D500VT
Cat 6 F/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel	C6F/FTP-HF1-Eca-D1000VT
Cat 6 F/FTP Cable, LSZH (HF3), Blue, 500 m Reel	C6F/FTP-HF3-Eca-500BU
Cat 6 F/FTP Cable, LSZH (HF3), Blue, 1000 m Reel	C6F/FTP-HF3-Eca-1000BU

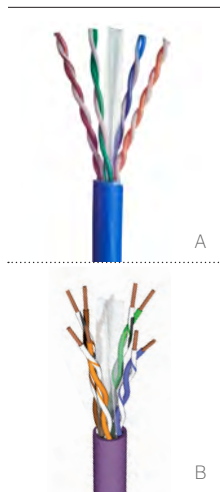
CAT 6 U/FTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Cat 6 U/FTP Cable, LSZH (HF1), Blue, 305 m Reelex Box	C6U/FTP-HF1-Eca-305VT
Cat 6 U/FTP Cable, LSZH (HF1), Violet, 500 m Reel	C6U/FTP-HF1-Eca-500VT
Cat 6 U/FTP Cable, LSZH (HF1), Violet, 1000 m Reel	C6U/FTP-HF1-Eca-1000VT
Cat 6 U/FTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel	C6U/FTP-HF1-Eca-D500VT
Cat 6 U/FTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel	C6U/FTP-HF1-Eca-D1000VT
Cat 6 U/FTP Cable, LSZH (HF3), Blue, 500 m Reel	C6U/FTP-HF3-Eca-500BU

CAT 6 F/UTP CABLE (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Cat 6 F/UTP Cable, LSZH (HF1), White, 500 m Reel	128-FTP6Z-5WS	C6F/UTP-HF1-Eca-500WH
[A] Cat 6 F/UTP Cable, LSZH (HF1), Grey, 305 m Reelex Box	124-FTP6Z-MSB	C6F/UTP-HF1-Eca-Rlx-305GY
Cat 6 F/UTP Cable, LSZH (HF1), Violet, 305 m Reelex Box	125-FTP6Z-MVB	C6F/UTP-HF1-Eca-Rlx-305VT
Cat 6 F/UTP Cable, LSZH (HF1), Violet, 500 m Reel	129-FTP6Z-5VS	C6F/UTP-HF1-Eca-500VT

Fire safety rating: HF1 = IEC 60332-1-2, HF3 = IEC 60332-3-24, HF3-22 = IEC 60332-3-22



CAT 6 UNSHIELDED CABLES

- Meets ANSI/TIA-568-C.2 and ISO/IEC 11801 Class E standards
- Optimum support for Gigabit Ethernet
- IEC 60332-1 (Low-Smoke Zero Halogen) flame rated
- Supports IEEE 802.3: 1000BASE-T (Gigabit Ethernet), 100BASE-T (fast Ethernet), and 10BASE-T applications
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-6-1 and EN 50575:2014 (Euroclass)
- Includes non-metallic cross separator, allowing for stronger signal strength and less vulnerability to noise interference
- IEEE Draft 802.3bt (Type 3) Power over Ethernet (PoE+) applications up to 100 watts

CAT 6 U/UTP CABLES (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Cat 6 U/UTP Cable, LSZH (HF1), White, 305 m Reelex Box	122-UTP6Z-MWB	C6U-HF1-Eca-Rlx-305WH
Cat 6 U/UTP Cable, LSZH (HF1), White, 500 m Reel	128-UTP6Z-5WS	C6U-HF1-Eca-500WH
Cat 6 U/UTP Cable, LSZH (HF1), Grey, 305 m Reelex Box	121-UTP6Z-MSB	C6U-HF1-Eca-Rlx-305GY
[A] Cat 6 U/UTP Cable, LSZH (HF1), Blue, 305 m Reelex Box	120-UTP6Z-MLB	C6U-HF1-Eca-Rlx-305BU
Cat 6 U/UTP Cable, LSZH (HF1), Violet, 305 m Reelex Box	125-UTP6Z-MVB	C6U-HF1-Eca-Rlx-305VT
Cat 6 U/UTP Cable, LSZH (HF1), Violet, 500 m Reel	129-UTP6Z-5VS	C6U-HF1-Eca-500VT
[B] Cat 6 U/UTP Cable, LSZH (HF1), Violet, 1000 m Reel		C6U-HF1-Eca-1000VT
Cat 6 U/UTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel		C6U-HF1-Eca-D500VT
Cat 6 U/UTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel		C6U-HF1-Eca-D1000VT
Cat 6 U/UTP Cable, LSZH (HF3), Blue, 500 m Reel		C6U-HF3-Eca-500BU
Cat 6 U/UTP Cable, LSZH (HF3), Blue, 1000 m Reel		C6U-HF3-Eca-1000BU
Cat 6 U/UTP Cable, LSZH (HF3), Blue, Duplex, 500 m Reel		C6U-HF3-Eca-D500BU
Cat 6 U/UTP Cable, LSZH (HF3), Blue, Duplex, 1000 m Reel		C6U-HF3-Eca-D1000BU
Cat 6 U/UTP Cable, LSZH (HF3-22), Green, 500 m Reel		C6U-HF3-22-Eca-500GN

CAT 6 U/UTP CABLES (External Polyethelene sheath)

DESCRIPTION	BRAND-REX PART NO.
Cat 6 U/UTP Cable, LSZH (HF1-X), Black, 500 m Reel	C6U-HF1-X-500BK
Cat 6 U/UTP Cable, LSZH (HF1-X), Black, 1000 m Reel	C6U-HF1-X-1000BK

Fire safety rating: HF1 = IEC 60332-1-2, HF3 = IEC 60332-3-24, HF3-22 = IEC 60332-3-22

X = External Polyethelene sheath (not compliant with 60332-1-2)

CABLE | Cat 5e Shielded Cables



A

CAT 5E SHIELDED CABLES

- Mylar® tape and aluminium shield reduces signal interference problems in areas of high EMI
- Supports 10BASE-T, 100BASE-T, and 1000BASE-T Ethernet
- Independently tested and verified to exceed ANSI/TIA-568-C.2 Cat 5e, IEEE 802.3 1000BASE-T, and ISO/IEC 11801 Class D standards
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-2-1 and EN 50575:2014 (Euroclass)
- Available in IEC 60332-1 (Low-Smoke Zero Halogen) flame rating
- IEEE 802.3at (Type 2) Power over Ethernet (PoE+) applications up to 60 watts

CAT 5E F/UTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
[A] Cat 5e F/UTP Cable, LSZH (HF1), Violet, 500 m Reel	GPF-HF1-Eca-500VT
Cat 5e F/UTP Cable, LSZH (HF1), Violet, 1000 m Reel	GPF-HF1-Eca-1000VT
Cat 5e F/UTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel	GPF-HF1-Eca-D500VT
Cat 5e F/UTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel	GPF-HF1-Eca-D1000VT
Cat 5e F/UTP Cable, LSZH (HF3), Blue, 500 m Reel	GPF-HF3-Eca-500BU
Cat 5e F/UTP Cable, LSZH (HF3), Blue, 1000 m Reel	GPF-HF3-Eca-1000BU
Cat 5e F/UTP Cable, LSZH (HF3), Blue, Duplex, 500 m Reel	GPF-HF3-Eca-D500BU
Cat 5e F/UTP Cable, LSZH (HF3), Blue, Duplex, 1000 m Reel	GPF-HF3-Eca-D1000BU

CAT 5E SF/UTP CABLES (Euroclass Eca)

DESCRIPTION	BRAND-REX PART NO.
Cat 5e SF/UTP Cable, LSZH (HF1), Violet, 500 m Reel	GPS-HF1-Eca-500VT
Cat 5e SF/UTP Cable, LSZH (HF1), Violet, 1000 m Reel	GPS-HF1-Eca-1000VT
Cat 5e SF/UTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel	GPS-HF1-Eca-D500VT
Cat 5e SF/UTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel	GPS-HF1-Eca-D1000VT
Cat 5e SF/UTP Cable, LSZH (HF3), Blue, 500 m Reel	GPS-HF3-Eca-500BU
Cat 5e SF/UTP Cable, LSZH (HF3), Blue, 1000 m Reel	GPS-HF3-Eca-1000BU
Cat 5e SF/UTP Cable, LSZH (HF3), Blue, Duplex, 500 m Reel	GPS-HF3-Eca-D500BU
Cat 5e SF/UTP Cable, LSZH (HF3), Blue, Duplex, 1000 m Reel	GPS-HF3-Eca-D1000BU

Fire safety rating, HF1 = IEC 60332-1-2, HF3 = IEC 60332-3-24



CAT 5E UNSHIELDED CABLES

- Supports 10BASE-T, 100BASE-T, and 1000BASE-T Ethernet
- Independently tested and verified to exceed ANSI/TIA-568-C.2 Cat 5e, IEEE 802.3 1000BASE-T, and ISO/IEC 11801 Class D standards
- Complies with: ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50288-3-1 and EN 50575:2014 (Euroclass)
- Available in IEC 60332-1-2 and 60332-3-24 (LSZH) flame ratings
- IEEE 802.3at (Type 2) Power over Ethernet (PoE+) applications up to 60 watts

CAT 5E U/UTP CABLES (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
[A] Cat 5e U/UTP Cable, LSZH (HF1), White, 305 m Reelex Box	122-UTP5Z-MWB	GPU-HF1-Eca-Rlx-305WH
Cat 5e U/UTP Cable, LSZH (HF1), White, 500 m Reel	128-UTP5Z-5WS	GPU-HF1-Eca-500WH
Cat 5e U/UTP Cable, LSZH (HF1), Violet, 305 m Reelex Box	125-UTP5Z-MVB	GPU-HF1-Eca-Rlx-305VT
Cat 5e U/UTP Cable, LSZH (HF1), Violet, 500 m Reelex Box	129-UTP5Z-5VS	GPU-HF1-Eca-Rlx-500VT
Cat 5e U/UTP Cable, LSZH (HF1), Violet, 500 m Reel		GPU-HF1-Eca-500VT
Cat 5e U/UTP Cable, LSZH (HF1), Violet, 1000 m Reel		GPU-HF1-Eca-1000VT
Cat 5e U/UTP Cable, LSZH (HF1), Violet, Duplex, 500 m Reel		GPU-HF1-Eca-D500VT
Cat 5e U/UTP Cable, LSZH (HF1), Violet, Duplex, 1000 m Reel		GPU-HF1-Eca-D1000VT
Cat 5e U/UTP Cable, LSZH (HF3), Blue, 500 m Reel		GPU-HF3-Eca-500BU
Cat 5e U/UTP Cable, LSZH (HF3), Blue, 1000 m Reel		GPU-HF3-Eca-1000BU
Cat 5e U/UTP Cable, LSZH (HF3), Blue, Duplex, 500 m Reel		GPU-HF3-Eca-D500BU
Cat 5e U/UTP Cable, LSZH (HF3), Blue, Duplex, 1000 m Reel		GPU-HF3-Eca-D1000BU

CAT 5E U/UTP CABLES (External Polyethylene sheath)

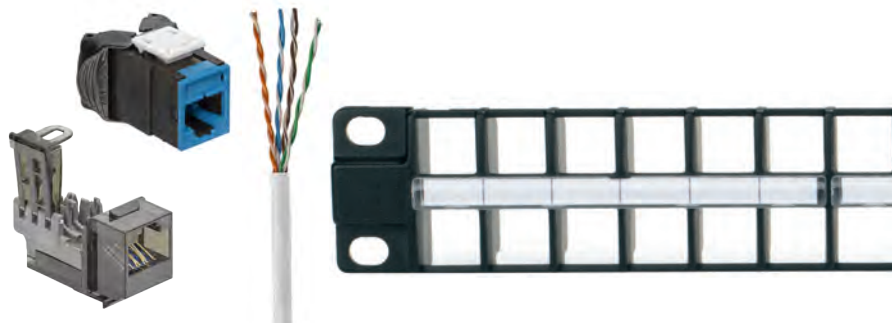
DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
Cat 5e U/UTP Cable, LSZH (X), Black, 500 m Reel		GPU-HF1-X-500BK
Cat 5e U/UTP Cable, LSZH (X), Black, 1000 m Reel		GPU-HF1-X-1000BK

Fire safety rating, HF1 = IEC 60332-1-2, HF3 = IEC 60332-3-24

SPOTLIGHT

Extensive Selection of Cat 5e Connectivity

Our Cat 5e connectivity supports 1000BASE-T performance for high-bandwidth applications. With unshielded and shielded options, jacks that don't require punchdown tools to terminate, a wide range of patch panels, and small-diameter patch cords with low-profile boots, we have everything you need for a robust, reliable Cat 5e system that's easy to install.





FEATURED PRODUCTS

Palm Termination Tool **A52**

Wire-Punchdown Termination Tool **A52**

Copper Tools & Labeling

We have everything you need to terminate and test our copper solutions.

The ergonomic Palm Termination Tool, designed by and for installers, offers comfort-grip or rack-mounted positioning for termination, a sturdy jack holder, and a wire-supporting retainer. The Wire-Punchdown Termination Tool enables one-step punchdown of 110-style, 66 connecting block, or LSA-style IDCs with a single push on the handle. Specialised termination tools, test equipment, crimping tools, and other accessories complete the collection.



PALM TERMINATION TOOL

- Overmolded ergonomic soft grip
- Easy-to-see wiring labels
- Jack holders provide stability for punchdown
- Incorporated retainer supports cable during termination
- Integrated holes allow rack mounting of the Palm Tool for patch panel terminations
- Compatible with eXtreme® Cat 6A/6/5e jacks and AV connectors

MULTI-PAIR TERMINATION TOOL

- Designed for 110-style wiring blocks
- High-impact, spring-loaded handle for one-punch termination of multiple pairs
- “Blade-in” and “blade-out” options
- Includes 4-pair, Cat 6 head
- Cat 5e and 6 heads available individually

WIRE-PUNCHDOWN / TERMINATION TOOL

- Punches and trims each wire with just a single push of the handle
- Adjustable impact setting for minimal physical effort
- Spare blade storage in handle chamber
- Compatible with 110 IDC, 66 IDC, and LSA IDC blades
- Terminate 22-, 24-, or 26-gauge wire

CUTTING TOOLS

- Klein Tools® Electrician's Scissors are excellent for cutting and stripping copper cable as well as trimming centre splines and rip cords
- Klein Tools Flush Cutter neatly trims individual cable wires flush to jack body to prevent shorts in metal housings (recommended for Atlas-X1™ and Brand-Rex tool-free jacks)

TERMINATION TOOLS & BLADES

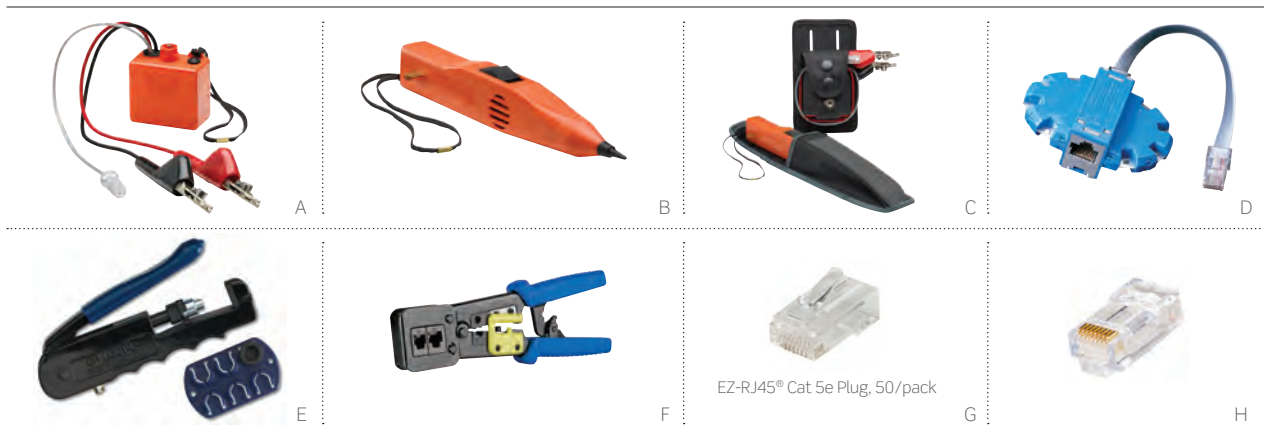
DESCRIPTION	PART NO.
[A] Palm Termination Tool, for Leviton QuickPort® Jacks	47615-PTT
[B] Jack Gripper, for Brand-Rex Snap-in Jacks	MM CJH002
[C] Wire-Punchdown/Termination Tool (blades sold separately)	49553-814
[D] 110 IDC Blade	49553-110
[E] 66 IDC Blade	49553-066

MULTI-PAIR TERMINATION TOOLS & ACCESSORIES

[F] Mass-Termination Multi-Pair Tool Handle with Cat 6, 4-pair head	49553-TTH
Mass-Termination Replacement Head, Cat 6, 4 pair	49553-64H
Mass-Termination Replacement Head, Cat 5e, 5 pair	49553-55H

CUTTING TOOLS

[G] Klein Tools Electrician's Scissors	49886-SIS
[H] Klein Tools Flush Cutter (must be ordered in increments of 5)	49886-FCS



TONE TEST SET

- Low-voltage tester for continuity, shorts, and opens
- Talk battery for a communications line on a vacant pair
- Identifies tip and ring polarity, and line condition for clear line with dial tone, busy line, and ringing line
- Generates continuous or warble tone to trace pairs and locate broken pairs or cables in walls - use with Inductive Speaker Probe (below)

INDUCTIVE SPEAKER PROBE

- Detects audible frequency tones for accurate tracing and identification of wires, cables, and metallic circuits

MODULAR PLUG BREAKOUT ADAPTOR

- For testing any six- or eight-position modular jacks
- Works with the Tone Test Set

COAXIAL JACK TOOLS

- Crimp coax onto RG-59 or RG-6 cables
- Rugged metal construction with cushioned handles

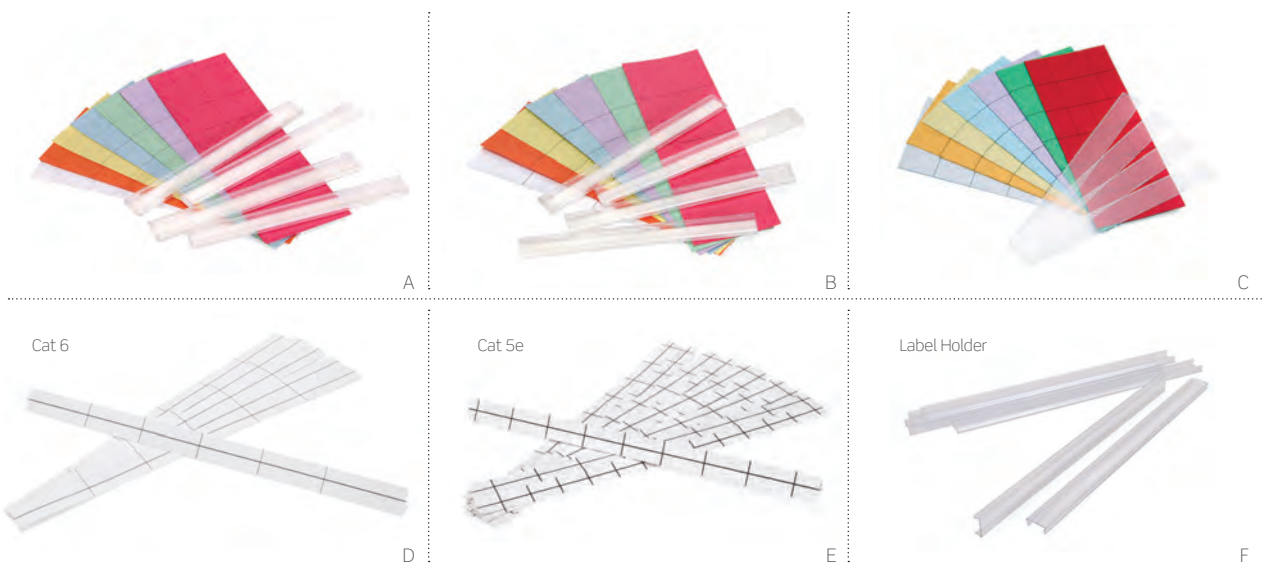
MASTER COMPRESSION TOOL

- Terminates all Leviton coaxial compression jacks, including RCA and F-Connectors
- Radial-style crimp compresses uniformly around jack body

EZ-RJ45® CRIMP TOOL

- Quick, cost-effective unshielded wire terminations
- Built-in cutter and stripper that crimps and cuts wire in one operation

TONE TEST SET, INDUCTIVE SPEAKER PROBE & KITS	
DESCRIPTION	PART NO.
[A] Tone Test Set (includes 9-volt battery)	49560-TTS
[B] Inductive Speaker Probe (includes 9-volt battery, one duckbill tip, and one needlepoint tip)	49561-SSP
[C] Kit containing one Tone Test Set with Belt Holster, and one Inductive Speaker Probe with Belt Holster	49562-TSK
MODULAR PLUG BREAKOUT ADAPTOR	
[D] Modular Plug Breakout Adaptor	40070-MDP
COAXIAL JACK TOOLS	
Crimping Tool for Coaxial Jacks	40988-000
[E] Master Compression Tool	40989-CPT
EZ-RJ45 TOOLS & ACCESSORIES	
[F] EZ-RJ45 Crimp Tool	40989-ACT
[G] EZ-RJ45 Cat 5e Plug, 50/pack	47613-EZC
EZ-RJ45 Cat 5e Plug Display Pack, 10/pack	47613-EZR
[H] EZ-RJ45 Cat 6 Plug	47613-EZ6



WORK-AREA LABELING SOLUTIONS

DESCRIPTION

PART NO.

Pre-printed Port Labels, black ink, 10 sheets per package

41080-LEB

PATCH PANEL LABELING SOLUTIONS

[A] Adhesive Holder and Labels Kit for QuickPort® Panels (supports 24 ports)

49257-QHD

[B] Adhesive Holder and Labels Kit for 110-Style Panels (supports 24 ports)

49257-I24

[C] Designation Kit Replacement for 110-Style Panels (supports 24 ports)

69585-IDL

110-STYLE LABELING SOLUTIONS

[D] Cat 6 Label Kit, 6 label strips per kit

41LBL-60W

[E] Cat 5e Label Kit, 6 label strips per kit

41LBL-00W

[F] Label Holder, 6 holders per kit

41100-HLD

SPOTLIGHT

Leviton Palm Termination Tool



Use the **Leviton Palm Termination Tool** (page A52) to quickly and easily punchdown jacks at the job site. The Palm Tool was designed with contractor input and offers an ergonomic comfort grip, increased jack stability, and integrated holes that allow rack mounting for QuickPort panel terminations. The Palm Tool is compatible with eXtreme® Cat 6A/6/5e and QuickPort AV jacks.

Note: Palm Tool is not compatible with Brand-Rex Snap-in Jacks.



FIBRE SOLUTIONS



SECTION B CONTENTS

INTRODUCTION	B3	Systems Overview	PRE-TERMINATED CABLE ASSEMBLIES	B37	Introduction
	B5	Recommended Systems		B38	Multimode Patch Cords
OPT-X® FAMILY	B7	Introduction		B40	Single-mode Patch Cords
HDX PLATFORM	B9	Introduction		B41	Pigtails
	B10	Enclosures, Angled Panel, & Accessories		B42	Patch Cords & Pigtails > Secure LC
	B11	Adaptor Plates & Cassettes	OPTICAL CABLES	B43	Brand-Rex MTP® Assemblies
	B12	HDX2 & TAP Cassettes		B45	Introduction
	B13	Frame, Patch, & Splice Decks		B46	Cable Selection Overview
SDX SYSTEMS	B15	Introduction		B47	Tight Buffered Premise Distribution Cables
	B16	2000i SDX		B48	Ruggedized Cables
	B17	1000i SDX	AIR BLOWN FIBRE SYSTEMS	B48	Loose-tube cables
	B18	500i SDX		B64	Special Environment Cables
	B19	Wall-Mount		B65	Introduction
	B20	VertiGO® Zero-U		B67	Blolite Systems
	B21	Adaptor Plates		B69	Microblo Systems
	B23	Splice Trays & Splice Modules	CONNECTORS & HOUSINGS	B72	Connectivity & Tools
	B24	Accessories		B73	Introduction
e2XHD SNAP-IN CASSETTE PATCHING SYSTEM	B25	Introduction		B74	FastCAM®
	B27	Panels, Cable Managers, Covers, & Tools		B75	Fast-Cure®
	B28	Cassettes		B76	Secure Keyed LC
HI-DEX® System	B29	Introduction		B77	Fibre Optic Fan-Out Kits
	B30	Panel Sets & Zero U Accessories	TOOLS & CONSUMABLES	B78	QuickPort® Adaptors
	B31	24-fibre Cassettes & Adaptor Plates		B79	Introduction
	B32	Splice Cassettes		B80	Featured Products
FibrePlus System	B33	Introduction		B81	Fibre Optic Tool Kits
	B34	Unloaded Patch Panels & Adaptors		B83	Fibre Optic Tools
	B35	Preloaded Patch Panels		B84	Consumable Products & Kits
	B36	High Density Fibre Management & Pivoting Patch Panels			

FIBRE SYSTEMS

Whether your installation is small or large, simple or complex, you can rely on Leviton and Brand-Rex for a network patching platform that meets your requirements. From cloud data centre to remote telecom room, from service provider to enterprise office building, Leviton solutions are versatile enough to meet specific customer demands, ensuring migration options for future bandwidth growth and strong return on infrastructure investment.

SYSTEM FEATURES

Ultra high density (144F per RU)

High density (96F per RU)

Standard density (72F per RU)

Angled panel eliminates need for patch cord cable manager

Enclosure with individual sliding trays minimise impact on surrounding fibres

Enclosure trays lock into place when open, simplifying network maintenance

One-handed, single-click cassette installation for easy deployment

10/40/100G migration simplify tech upgrades

OM1 / OM2 / OM3 / OM4 / OS2 fibre types for backward compatibility

Precision-molded adaptor plates for durable network connections

Traffic Analysis Points (TAPS) provide monitoring of networks

Copper and Fibre capability for network flexibility

ZERO RU Option

Cassettes with adjustable rear MTPs for improved bend radius

Field-splicing capability for flexibility and MACS


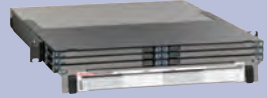

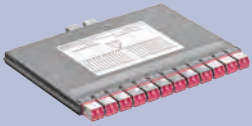
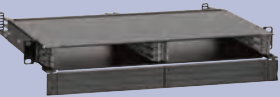








FIBRE SYSTEMS | HDX / HI-DEX / e2XHD / SDX / FibrePlus




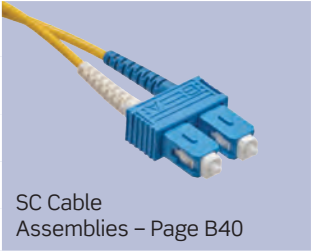



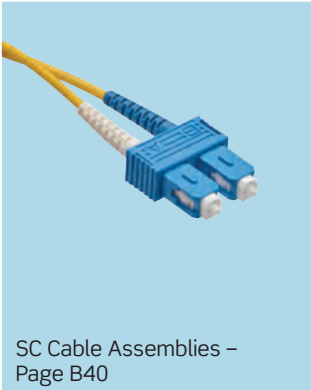


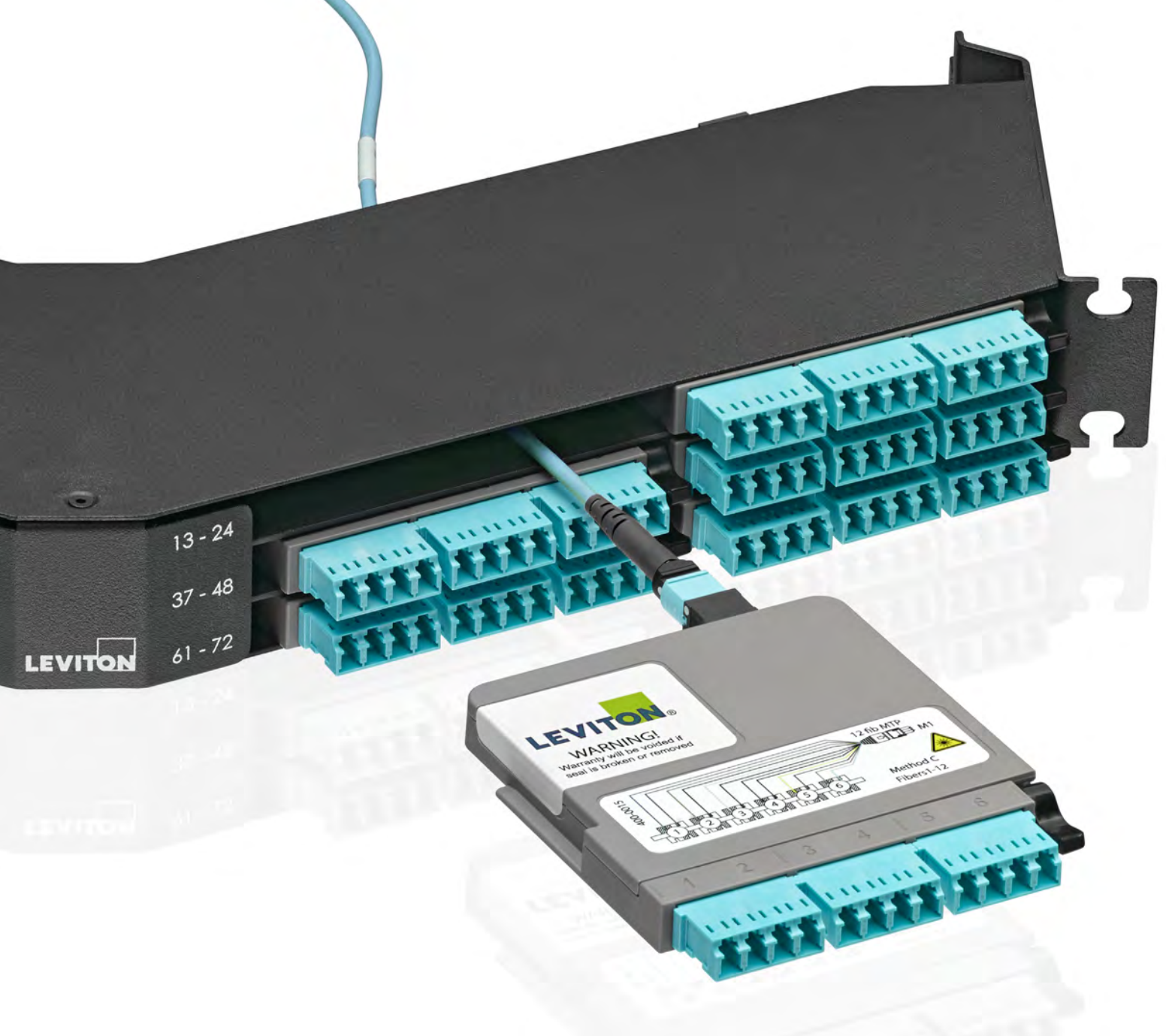
HDX Data Centre	HI-DEX® Data Centre	e2XHD Data Centre	SDX Enterprise	FibrePlus Enterprise
Ultra high density to help meet increasing network demands in data centres.		High-density snap-in cassettes allow a mix of fibre or copper patching for large enterprise applications.	Versatile solutions in multiple sizes and styles for small data centres and enterprise applications.	Comprehensive range of fibre connectivity and patching for small data centres and enterprise applications.
✓	✓			
		✓		✓
			✓	
✓		✓		
✓	✓			
✓	✓			
✓	✓	✓		
✓	✓	✓	✓	
✓		✓	✓	✓
✓	✓	✓	✓	
✓				
		✓	✓	
	✓		✓	
		✓		
	✓		✓	✓

Fibre Systems

FIBRE

	APPLICATIONS	CASSETTES / ADAPTOR PLATES	ENCLOSURES / PANELS
DATA CENTRE	<p>Multimode</p> <ul style="list-style-type: none"> • High-performance computer clusters • High-bandwidth enterprise • VCSEL-based propagation 	 <p>HDX – Page B11</p>	 <p>UHD Enclosures – Page B10</p>  <p>UHD Panels – Page B10</p>
	<p>Single-mode</p> <ul style="list-style-type: none"> • Containerised data centres • Entrance facilities and equipment rooms 	 <p>HI-DEX® - Page B31</p>	 <p>HI-DEX – Page B30</p>
		 <p>e2XHD – Page B28</p>	 <p>e2XHD – Page B27</p>
ENTERPRISE	<p>Multimode</p> <ul style="list-style-type: none"> • Building backbones and zone cabling • Legacy cabling (for OM1 & OM2 fibre type) • Low-bandwidth enterprise, automation, security 	 <p>SDX – Page B21</p>	 <p>2000i SDX – Page B16</p>  <p>1000i SDX – Page B17</p>
	<p>Single-mode</p> <ul style="list-style-type: none"> • Campus and building backbones • Long distances 	 <p>FibrePlus – Page B34</p>	 <p>500i SDX – Page B18</p>  <p>FibrePlus – Page B34</p>

FIELD TERMINATED CONNECTORS	CABLE ASSEMBLIES	FIBRE TYPE & SPECIFICATION CHART							
 <p>FastCAM® LC – Page B74</p>	 <p>MTP® or LC Cable Assemblies Pages B39, B44</p>			OM3		OM4			
				850 nm	1300 nm	850 nm	1300 nm		
		SPECIFICATION							
		Max. Attenuation (dB/km)		3.0	1.0	3.0	1.0		
		Overfill Launch Min. Bandwidth (MHz•km)		1500	500	3500	500		
		Effective Modal Bandwidth (EMB)(MHz•km)		2000 ¹	N/A	4700 ¹	N/A		
		1G Transmission Distance (m)		1000	600	1040	600		
		10G Transmission Distance (m)		300	300 ²	550	300 ²		
		40/100G Transmission Distance (m)		100	N/A	150	N/A		
		<small>¹ The effective modal bandwidth is determined based on an overfill launch (OFL) per ANSI/TIA-455-204, except on LOMM Fibre types. ² 10GbE transmission at 1,300 nm only applies to 10GBASE-LX4 (CWDM). ³ Reach calculation is based on attenuation of <math>\leq 3.0</math> dB/km at 850nm and 1.0 dB of connector loss.</small>							
 <p>FastCAM SC – Page B74</p>	 <p>SC Cable Assemblies – Page B40</p>			OS2					
				1310 nm		1550 nm			
		SPECIFICATION							
		Maximum Attenuation (dB/km)		0.4		0.3			
		1G Transmission Distance (m)		5,000		N/A			
		10G Transmission Distance (m)		10,000		N/A			
 <p>Fast-Cure® LC – Page B75</p>	 <p>LC Cable Assemblies – Pages B38-B39</p>			OM1		OM2		OM3	
				850 nm	1300 nm	850 nm	1300 nm	850 nm	1300 nm
		SPECIFICATION							
		Max. Attenuation (dB/km)		3.5	1.0	3.0	1.0	3.0	1.0
		Overfill Launch Min. Bandwidth (MHz•km)		200	500	950	500	1500	500
		Effective Modal Bandwidth (EMB)(MHz•km)		N/A	N/A	N/A	N/A	2000 ¹	N/A
		1G Transmission Distance (m)		300	600	750	600	1000	600
		10G Transmission Distance (m)		36	300 ₂	150	300 ₂	300	300 ₂
		40/100G Transmission Distance (m)		N/A	N/A	N/A	N/A	100	N/A
 <p>Fast-Cure SC – Page B75</p>	 <p>SC Cable Assemblies – Page B40</p>			OS2					
				1310 nm		1550 nm			
		SPECIFICATION							
		Max. Attenuation (dB/km)		0.4		0.3			
		1G Transmission Distance (m)		5,000		N/A			
		10G Transmission Distance (m)		10,000		N/A			



FEATURED PRODUCTS

UHDx System **B10**

HDX Adaptor Plates & Cassettes **B11**

Opt-X Family of Fibre Optic Systems

Opt-X® systems provide the high-performing, flexible, and reliable solutions needed for today's mission-critical and enterprise environments while supporting the capability for future technology upgrades and network migrations. The Opt-X family of products offers options and designs for high-end and economical applications, with customisable solutions that meet specific network requirements.



HDX PLATFORM

High- and ultra-high-density systems that support cloud data centre and large enterprise networks with network manageability and a reduced cabling network footprint.



UHDX Enclosures



HDX Frame Patch Deck



UHDX Panel



HDX Retrofit Tray
(for use with SDX Enclosures)



HDX Frame

SDX PLATFORM

Versatile fibre optic patching solutions, available in multiple sizes and styles, designed to support enterprise and small data centre applications.



2000i SDX Enclosures



1000i SDX Enclosures



Vertigo
SDX Panels



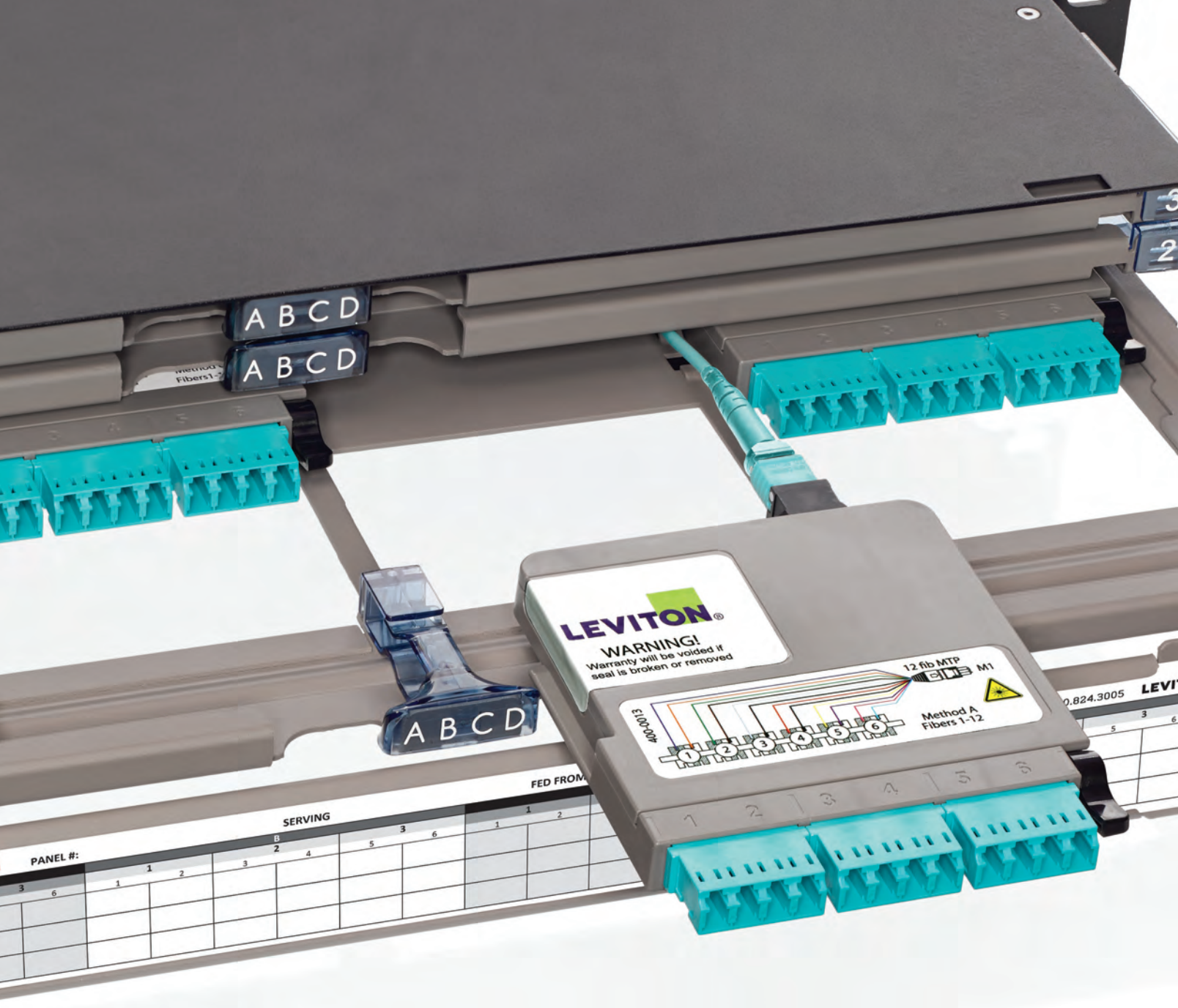
500i SDX Enclosures



500i SDX Panels



SDX
Wall-Mount Enclosures



FEATURED PRODUCTS

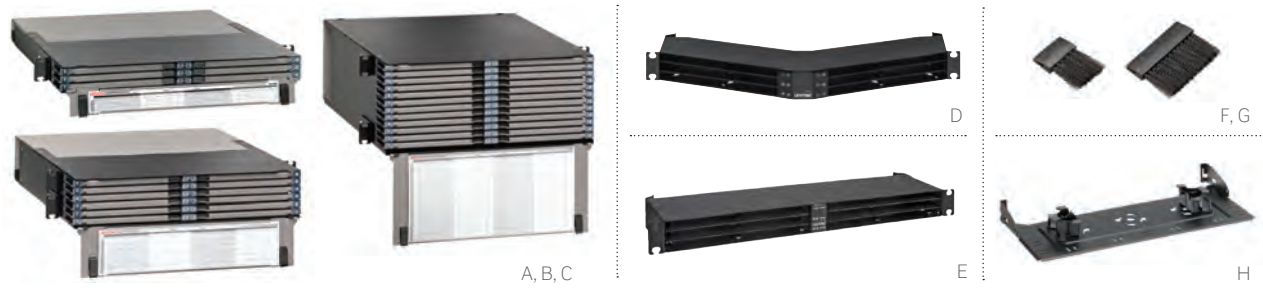
UHDH System **B10**

HDX Adaptor Plates & Cassettes **B11**

HDX Platform

Data centres and telecommunications rooms are rapidly outgrowing their footprint as they attempt to meet increasing bandwidth demands. The Leviton HDX cassette-based platform offers optimum patching capacity in areas where space is at a premium. Using HDX adaptor plates and cassettes in the UHDH rack-mount solutions or the HDX Distribution Frame, you can free up valuable space and reduce your patching footprint.

UHDX SYSTEM | Enclosures, Panels, & Accessories



UHDX RACK-MOUNT ENCLOSURES

- Accepts Leviton HDX Adaptor Plates and Cassettes
- Up to 144 fibres with LC connectors or 864 fibres with 12-fibre MTP® connectors
- Individual sliding trays allow easy access to fibre connectors in dense applications while minimising the impact to surrounding fibres
- 20-inch depth for high-density, pre-terminated solution
- Hinged front door provides easy means to install, remove, and update port ID labels
- Highly visible port locators in the front and rear of the enclosure help easily identify specific ports
- Hinged or removable rear doors improve accessibility to rear cable routing

UHDX 1RU FLAT & ANGLED PANELS

- Eliminates the need for horizontal patch cord cable managers
- Open access to patch cords and trunks
- One-hand installation and removal of HDX/HD2 cassettes or adaptor plates
- Up to 144 fibres with LC connectors or 864 fibres with 12-fibre MTP connectors

ACCESSORIES

- Cable clamp kits minimise excessive pulling, bending, and crushing
- Clamp kits support easy cable identification and decrease the need for tie-wraps
- Optional brush guards minimise dust buildup in rear of enclosure
- Accessory kit consists of VELCRO® Brand cable ties, mounting ear screws, and port ID card label
- Rear cable manager (sold separately) supports fibre cables and snaps directly into panel without tools



RECOMMENDED APPLICATIONS:

Data Centres

Entrance Facility

19" and 23" Racks and Cabinets

UHDX RACK-MOUNT ENCLOSURES & PANEL

DESCRIPTION	MAXIMUM CAPACITY				PART NO.
	FIBRES (USING LC)	FIBRES (USING MTP)	ADAPTOR PLATES	MTP CASSETTES	
[A] 1RU UHDX Enclosure, empty	144	864	12	12	5R1UD-S12
[B] 2RU UHDX Enclosure, empty	288	1,728	24	24	5R2UD-S24
[C] 4RU UHDX Enclosure, empty	576	3,456	48	48	5R4UD-S48
[D] 1RU UHDX Angled Panel, empty	144	864	12	12	HDX1A-144
[E] 1RU UHDX Flat Panel, empty	144	864	12	12	HDX1F-144

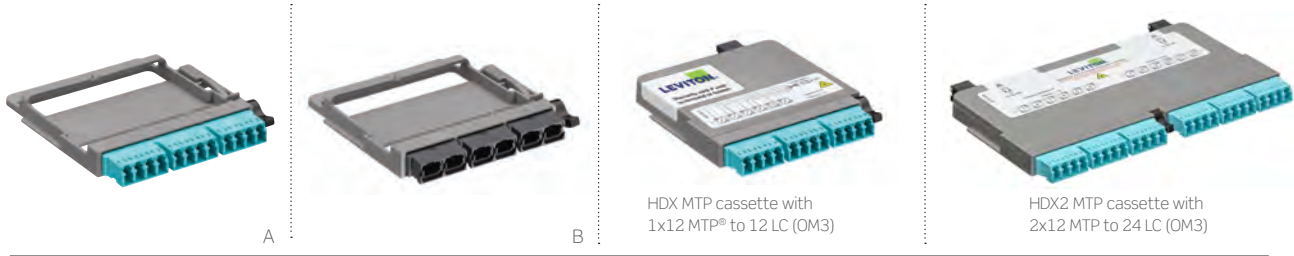
ACCESSORIES

DESCRIPTION	PART NO.
Universal Clamp Kit, Single Cable Grommet (mounts to enclosure or rear cable manager)	5RCMP-KIT
Universal Clamp Kit, Multiple Cable Grommet (mounts to enclosure or rear cable manager)	5RCMP-KT2
Universal Clamp Kit, Single and Multiple Cable Grommet (for rack mounting)	5RCMR-KIT
[F] 1RU Brush Guard, bag of 2	5RBSH-1UN
[G] 2RU Brush Guard, bag of 2	5RBSH-2UN
23" Rack-Mount Ears, bag of 2	5REAR-023
[H] Rear Cable Manager for Angled Panel, with cable management rings (four ¼" rings)	E2XHD-CMB

UHDX System

FIBRE

HDX PLATFORM | Adaptor Plates & Cassettes



HDX ADAPTOR PLATES

- Connect to field-terminated backbone cabling or pre-terminated trunks
- Easy, one-hand installation and removal
- Offered in OM1/OM2, OM3/OM4, and OS2 fibre types
- LC, SC, and MTP styles in 6-, 12-, 24-, or up to 72-fibre configurations are available
- Visible sequential numbering to identify ports (for Tx and Rx)

HDX Adaptor Plates & Cassettes work with HDX Frame Patch Decks and UHDX Enclosures and Panels.

HDX & HDX2 MTP® CASSETTES

- Easy to migrate from 10G to 40/100G when used with Leviton cable assemblies
- 12- or 24-fibre configurations
- Select from LC or MTP connectors for 10G, 40G, or 100G applications
- Pre-terminated fibre eliminates the need for complicated field terminations and splices
- A variety of fibre types are available, including single-mode, multimode, and laser-optimised multimode
- Easy, one-hand installation and removal



HDX ADAPTOR PLATES	
DESCRIPTION	PART NO.
12-fibre HDX Adaptor Plate, OM1 & OM2, Quad LC (Beige), phosphor bronze sleeve	5FUHD-2IL
[A] 12-fibre HDX Adaptor Plate, OM3, Quad LC (Aqua), zirconia ceramic sleeve	5FUHD-2QL
12-fibre HDX Adaptor Plate, OM4, Quad LC (Heather Violet), zirconia ceramic sleeve	5FUHD-2ML
12-fibre HDX Adaptor Plate, OS2, Quad LC (Blue), zirconia ceramic sleeve	5FUHD-2LL
12-fibre HDX Adaptor Plate, OS2, Quad LC/APC (Green), zirconia ceramic sleeve*	5FUHD-2VL
6-fibre HDX Adaptor Plate, OM1 & OM2, Duplex SC (Beige), phosphor bronze sleeve	5FUHD-6IC
6-fibre HDX Adaptor Plate, OM3, Duplex SC (Aqua), zirconia ceramic sleeve	5FUHD-6QC
6-fibre HDX Adaptor Plate, OS2, Duplex SC (Blue), zirconia ceramic sleeve	5FUHD-6LC
6-fibre HDX Adaptor Plate, OS2, Duplex SC/APC (Green), zirconia ceramic sleeve*	5FUHD-6VC
HDX Adaptor Plate, 3 Duplex MTP Adaptors (Black), key up/key up	5FUHD-6MB
[B] HDX Adaptor Plate, 3 Duplex MTP Adaptors (Black), key up/key down	5FUHD-6MP
HDX Adaptor Plate, blank (Black)	5FUHD-BLK

* = Minimum order quantity and lead times may apply.

Make-to-Order!		HDX/HDX2 CASSETTE OPTIONS				
FIBRE TYPE	FIBRE COUNT	CONNECTOR TYPE (FRONT)	MTP TYPE (REAR)	POLARITY		
<ul style="list-style-type: none"> • OM2 • OM3 	<ul style="list-style-type: none"> • OM4 • OS2 	<ul style="list-style-type: none"> • 12 • 24 (2x12) 	<ul style="list-style-type: none"> • LC • SC • MTP 	<ul style="list-style-type: none"> • 12-fibre MTP (Male) 	<ul style="list-style-type: none"> • Method A • Method B, Core 	<ul style="list-style-type: none"> • Method B, Edge • Method C

For MTP Method B polarity, you must order one each of the core and edge cassettes.

For assistance customising your cassettes, please visit Leviton.com/configurator or call Customer Service at +44 (0) 1592 772124.



A



B



C

HDX2 & HDX CONVERSION CASSETTES

- Manage polarity to maintain, transmit, and receive connections between parallel optics and SFP connectivity
- Connect to electronics with LC-style ports and aggregates SFP ports to a QSFP+ (40G) or CXP (120G) port
- Fit in UHDX enclosures and panel
- Snap in and out of enclosure/panel for rapid installation, adds, and changes
- Ideal for applications using 40G-10G and 120G-10G

HDX2 TAP CASSETTES

- Traffic analysis points (TAPs) provide real-time monitoring in network or SAN environments for anomalies in security and performance
- Fit in UHDX enclosures and panel
- TAP in HDX cassette footprint eliminates the need for an additional panel
- Supports monitoring of 10G and 40G channels (QSFP)
- Available in two split ratios for network design flexibility, 70:30 and 50:50

HDX2 & HDX CONVERSION CASSETTES

DESCRIPTION	PART NO.
40G to 10G HDX2, OM3, 3x8 fibre, MTP® to 24-fibre LC	32LM1-41C
[A] 40G to 10G HDX2, OM4, 3x8 fibre, MTP to 24-fibre LC	42LM1-41C
40G to 10G HDX2, OS2, 3x8 fibre, MTP to 24-fibre LC	U2LM1-41C
40G to 10G HDX, OM3, 8 fibre, MTP to 8-fibre LC	38LM1-1AE
[B] 40G to 10G HDX, 8 fibre, MTP to 8-fibre LC	48LM1-1AE
40G to 10G HDX, OS2, 8 fibre, MTP to 8-fibre LC	U8LM1-1AE

HDX2 TAP CASSETTES

DESCRIPTION	PART NO.
OM3 24-fibre 2x12F MTP to LC, Method B Edge 50:50, Aqua	32LM1-BE5
OM4 24-fibre 2x12F MTP to LC, Method B Edge 50:50, Heather Violet	42GM1-BE5
[C] OS2 24-fibre 2x12F MTP to LC, Method B Edge 50:50, Blue	U2LM1-BE5
OM3 24-fibre 2x12F MTP to LC, Method B Edge 70:30, Aqua	32LM1-BE7
OM4 24-fibre 2x12F MTP to LC, Method B Edge 70:30, Heather Violet	42GM1-BE7
OS2 24-fibre 2x12F MTP to LC, Method B Edge 70:30, Blue	U2LM1-BE7

HDX PLATFORM | Frame, Patch, & Splice Decks

FIBRE

HDX Platform



HDX FIBRE OPTIC DISTRIBUTION FRAME

- Integrated cable management and routing solutions for minimum bend radius compliance, better slack storage, and protection
- Holds up to 22 decks, each configured with cassettes, adaptor plates, or splice trays
- Lockable rear doors included to protect and conceal trunk cabling
- Optional front door kit (sold separately) with transparent door is lockable for additional security
- Occupies only one 600x600 mm floortile
- Seismic rated to GR-63-CORE, Zone 4, UL 2046 Listed

PATCH DECK

- 2RU height for up to 144 fibres (using LC) capacity
- Holds 6 independent sliding trays and accepts up to 12 HDX/HDX2 adaptor plates or cassettes
- Magnifying port identification label holders for better visibility
- Integrated minimum bend radius protection

SPLICE DECK

- Modular 89 mm high deck accepts up to three independent splice deck trays
- Sliding trays are removable for ease of splicing
- Heat-shrink fusion splicing of individual 250 µm or 900 µm tight-buffer fibres for up to 144 fibres per deck
- Mass ribbon fusion splicing available as custom order

24-FIBRE HIGH-DENSITY SPLICE TRAY

- Use with HDX Frame Splice Decks, 2 trays per splice deck tray
- Protect and manage heat-shrink spliced fibres
- Heat-shrink splice sleeves included

HDX FRAME CAPACITY CHART

CONNECTIVITY	MAX. FIBRE STRANDS
LC	3,168
SC	1,584
12-Fibre MTP®	7,776

Chart based on use of 48-fibre trunks



See page B11 for HDX Cassettes and Adaptor Plates.

HDX FIBRE OPTIC FRAME SYSTEM

DESCRIPTION	PART NO.
[A] HDX Fibre Optic Distribution Frame, 7' H x 2' W x 2' D	F3168-22F
[B] 2RU Patch Deck, empty (includes front/rear cable management and cable clamp kit)	F3168-DCK
[C] 2RU Splice Deck, empty (includes VELCRO® Brand ties, front/rear cable management, and cable clamp kit)	F3168-SPD
[D] Cross-Frame Routing Kit	F3168-CFR
[E] Front Door Kit	F3168-FDR
Cable Clamp Kit, single-cable grommet	F3168-CCK
2RU Blank Panel	F3168-BLK

24-FIBRE SPLICE TRAY

[F] 24-fibre Heat-Shrink Style Molded Splice Tray (includes 60 mm splice sleeves)	T5PLS-24F
--	-----------

Make-to-Order! HDX FRAME OPTIONS

NUMBER OF PATCH DECKS	NUMBER OF HDX ADAPTOR PLATES OR CASSETTES PER PATCH DECK	CASSETTE FIBRE COUNT	FIBRE TYPE	HDX CASSETTE/PLATE CONNECTOR TYPE (FRONT)	HDX CASSETTE/PLATE CONNECTOR TYPE (REAR)	HDX CASSETTE POLARITY	FRONT DOOR KIT
• 1-22	• 1-12	<ul style="list-style-type: none"> • 12 • 24 (2x12) • Adaptor Plate Only 	<ul style="list-style-type: none"> • OM2 • OM3 • OM4 • OS2 	<ul style="list-style-type: none"> • LC • SC • MTP (key up) 	<ul style="list-style-type: none"> • LC (Plate) • SC (Plate) • MTP (Plate, key up) • MTP (Plate, key down) • 12-fibre MTP (Cassette) 	<ul style="list-style-type: none"> • Method A • Method B (Core) • Method B (Edge) • Method C • None (Adaptor Plate) 	<ul style="list-style-type: none"> • Yes • No

Make-to-Order! HDX PATCH DECK OPTIONS

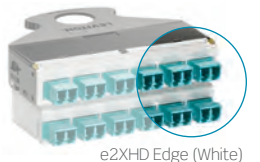
NUMBER OF CASSETTES OR ADAPTOR PLATES PER DECK	CASSETTE FIBRE COUNT	FIBRE TYPE	HDX CASSETTE/PLATE CONNECTOR TYPE (FRONT)	HDX CASSETTE/PLATE CONNECTOR TYPE (REAR)	HDX CASSETTE POLARITY
• 1-12	<ul style="list-style-type: none"> • 12 • 24 (2x12) • Adaptor Plate Only 	<ul style="list-style-type: none"> • OM2 • OM3 • OM4 • OS2 	<ul style="list-style-type: none"> • LC • SC • MTP® (key up) 	<ul style="list-style-type: none"> • LC (Plate) • SC (Plate) • MTP (Plate, key up) • MTP (Plate, key down) • 12-fibre MTP (Cassette) 	<ul style="list-style-type: none"> • Method A • Method B, Core • Method B, Edge • Method C • None (Adaptor Plate)

ROI™ Savings Calculator

Calculate your return on infrastructure investment when installing the HDX Frame System in your Main Distribution Area. Go to apps.leviton.com/HDXcalculator.

For assistance customising your HDX frame system, please visit leviton.com/configurator or call Customer Service at +44 (0) 1592 772124.

SPOTLIGHT Core & Edge Cassettes



In order to achieve proper polarity when using Method B with two cassette configurations, core and edge cassettes must be used in pairs. This will simplify the design requirements for trunks and patch cords. For consistency, core cassettes are typically placed at the main connection point, at or close to the main switching equipment. Edge cassettes are placed at the end connection point, near access layer equipment. For easy identification, core cassette casing and pins are black, while edge cassette casing and pins are white.



FEATURED PRODUCTS

Enclosures **B16**

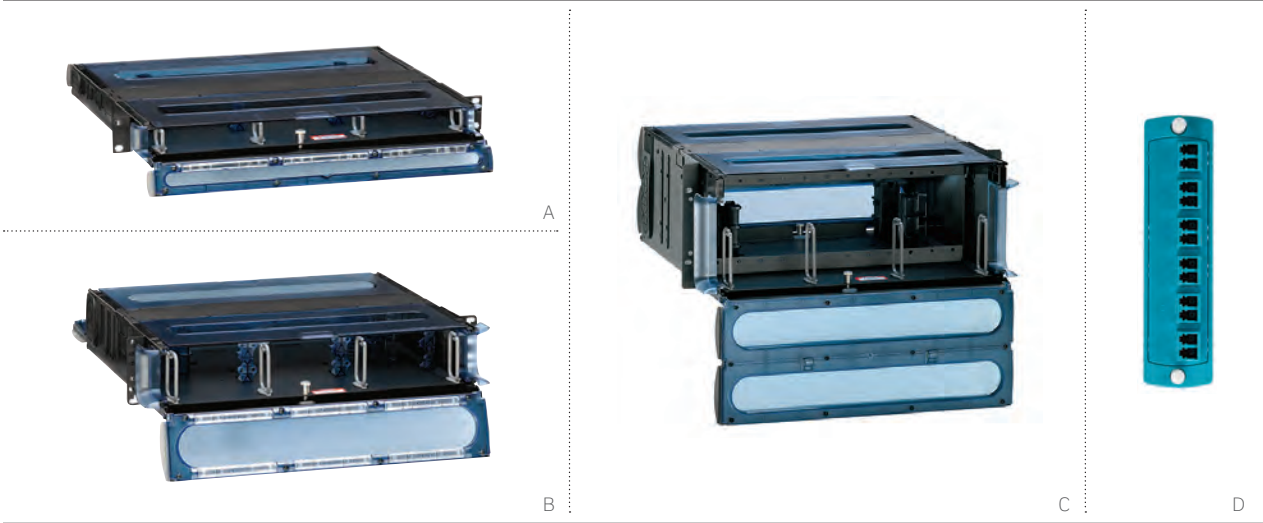
Adaptor Plates
B21

Splice Modules
B23

SDX Systems

72 LC FIBRES PER RU

The SDX System, part of the Opt-X® family of fibre optic solutions, is a flexible solution designed for easy installation and maintenance. Whether it's the 2000i for data centres or 1000i and 500i for medium- and small-enterprise applications, each comes packed with features for better cable organisation and maintainability. In addition, precision-molded SDX adaptor plates, splice modules, and cable management offer the flexible connection and storage options to meet any project need.



2000i SDX 1RU/2RU/4RU RACK-MOUNT ENCLOSURES

- Accepts SDX adaptor plates (pages B21-B23), splice trays, and splice modules
- Removable transparent hinged doors
- Sliding tray provides accessibility to front and rear of bulkhead after installation, and removes completely to facilitate field terminations and splicing
- 17-inch depth for high-density fibre termination and/or splicing
- Stackable and adjustable fibre rings simplify cable management
- Constructed of durable polycarbonate plastic and black powder-coated 16-gauge steel
- 19- or 23-inch rack-mount options (23-inch 1RU mounting bracket sold separately)
- 1RU and 2RU accept the HDX Retrofit Tray (sold separately) for higher density applications using HDX MTP® Cassettes and Adaptor Plates

RECOMMENDED APPLICATIONS:

- Data Centres
- Equipment Room
- Entrance Facility
- Telecommunications Room
- 19" and 23" Racks and Cabinets

2000i SDX RACK-MOUNT ENCLOSURES

DESCRIPTION	MAXIMUM CAPACITY			PART NO.
	FIBRES (USING LC)	ADAPTOR PLATES	AND SPLICE TRAYS/MODULES*	
[A] 1RU 2000i SDX Enclosure, empty, sliding tray	72	3	3	5R1UH-S03
[B] 2RU 2000i SDX Enclosure, empty, sliding tray	144	6	6	5R2UH-S06
[C] 4RU 2000i SDX Enclosure, empty, sliding tray	288	12	12	5R4UH-S12
[D] SDX Adaptor Plates				See pages B21-B22

* = Maximum splice tray capacity is limited by height of selected splice tray.



1000i SDX 1RU/2RU/3RU/4RU RACK-MOUNT ENCLOSURES

- Accepts SDX adaptor plates, splice trays, and splice modules (pages B21-B23)
- Sliding tray in 1RU and 2RU removes completely for easy field terminations and splicing
- 15-inch depth for high-density Fibre termination and/or splicing
- 19- or 23-inch enclosure rack-mount option (23-inch 1RU mounting bracket sold separately)
- Enclosures protrude 4.5 inches from mounting ears to align with Versi-Duct® Cable Management System
- Included accessory kit consists of cable ties, mounting ear screws, and port ID label
- 1RU and 2RU accept the HDX Retrofit Tray (sold separately) for higher density applications using HDX MTP® Cassettes

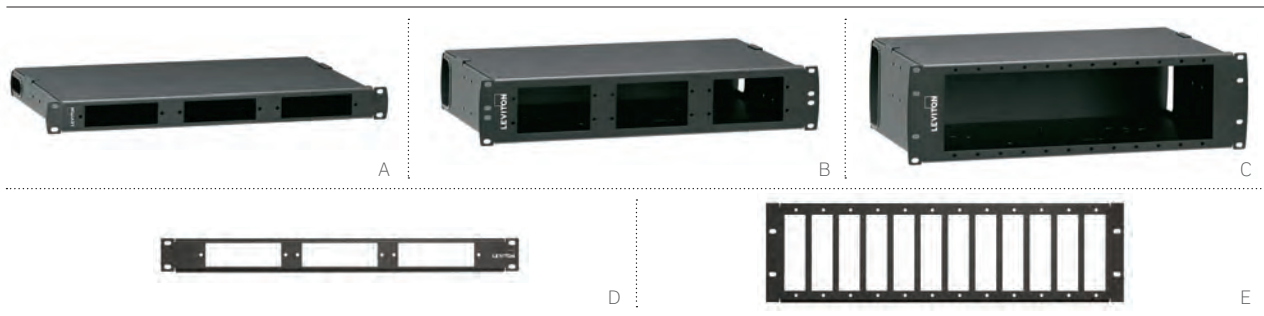
RECOMMENDED APPLICATIONS:

- Equipment Room
- Telecommunications Room
- 19" and 23" Racks and Cabinets

1000i SDX RACK-MOUNT ENCLOSURES

DESCRIPTION	MAXIMUM CAPACITY			PART NO.
	FIBRES (USING LC)	ADAPTOR PLATES	AND SPLICE TRAYS/ MODULES*	
1RU 1000i SDX Enclosure, empty	72	3	3	5R1UM-F03
[A] 1RU 1000i SDX Enclosure, empty, sliding tray	72	3	3	5R1UM-S03
2RU 1000i SDX Enclosure, empty	144	6	6	5R2UM-F06
2RU 1000i SDX Enclosure, empty, sliding tray	144	6	6	5R2UM-S06
3RU 1000i SDX Enclosure, empty, horizontal^	216	9	12	5R3UM-F09
[B] 3RU 1000i SDX Enclosure, empty, vertical°	288	12	12	5R3UM-F12
[C] 4RU 1000i SDX Enclosure, empty, vertical°	288	12	12	5R4UM-F12
4RU 1000i SDX Enclosure, empty, horizontal^	360	15	12	5R4UM-F15

° = Vertical adaptor plate/cassette orientation
 ^ = Horizontal adaptor plate/cassette orientation
 * = Maximum splice tray capacity is limited by height of selected splice tray.
 See pages B21 for list of SDX adaptor plates.



500i SDX 1RU/2RU/3RU FLUSH-MOUNT RACK ENCLOSURES

- Accepts SDX adaptor plates, splice trays, and splice modules (page B21-B23)
- Flush-mount adaptor bulkhead makes moves, adds, and changes easy
- One-piece removable cover allows for complete accessibility to the back of the enclosure
- Accepts injection-molded splice trays and 4-inch x 7-inch metal splice trays
- Enclosure can store up to 3 metres of 900 µm tight-buffered fibre per adaptor
- Included accessory kit consists of cable ties, mounting ear screws, and port ID label
- 1RU and 3RU flush-mount panels accept SDX adaptor plates and cassettes, and mount to 19-inch racks and cabinets
- Optional add-on patch cord cable management tray (sold separately) uses existing rack unit

RECOMMENDED APPLICATIONS:

- Equipment Room
- Telecommunications Room
- 19" Racks and Cabinets

500i SDX RACK-MOUNT ENCLOSURES

DESCRIPTION	MAXIMUM CAPACITY			PART NO.
	FIBRES (USING LC)	ADAPTOR PLATES	AND SPLICE TRAYS/ MODULES*	
[A] 1RU 500i SDX Enclosure, empty	72	3	3	5R1UL-F03
[B] 2RU 500i SDX Enclosure, empty	144	6	6	5R2UL-F06
[C] 3RU 500i SDX Enclosure, empty	288	12	12	5R3UL-F12
[D] 1RU 500i SDX Panel, empty	72	3	N/A	5R1UE-OPX
[E] 3RU 500i SDX Panel, empty	288	12	N/A	5R3UE-OPX

* = Maximum splice tray capacity is limited by height of selected splice tray. See pages B21 for list of SDX adaptor plates.

SPOTLIGHT

Patch Cord Management Tray



Patch Cord Management Trays help route and organise cables on 500i SDX enclosures. The trays feature identification labels and front saddles that pivot for easier routing. Because they mount directly to the front of the enclosures, they do not require additional rack space. Available in 1RU and 2RU sizes, the trays can be used with any Leviton 1RU flush-mount MTP enclosure or e2XHD flat panel, and 2RU trays can be used with 3RU 500i SDX enclosures. (See page B24.)



A



B



C

SDX WALL-MOUNT FIBRE OPTIC ENCLOSURES

- Self-healing grommet material protects cable and minimises dust buildup
- Adjustable fibre management rings easily attach to mounting studs
- Ground terminal lug provides grounding option or cable strain relief
- Cutout on side of enclosure allows access to adaptor bulkhead when doors are open
- Door options: Split with single lock on service side (optional lock available to install on customer side), solid with or without single lock on customer side
- Constructed of 16-gauge steel, powder-coated black

RECOMMENDED APPLICATIONS:

Telecommunications Room

Equipment Room

SDX WALL-MOUNT ENCLOSURES					
DESCRIPTION	MAXIMUM CAPACITY			PART NO.	
	FIBRES (USING LC)	ADAPTOR PLATES	AND SPLICE TRAYS/MODULES*		
Small SDX Enclosure, empty, solid metal door, no lock	48	2	N/A	5W110-00N	
[A] Small SDX Enclosure, empty, split metal door, one lock and key	48	2	N/A	5W120-00N	
Small SDX Enclosure, empty, solid metal door, one lock and key	48	2	N/A	5W170-00N	
Medium SDX Enclosure, empty, solid metal door, no lock	96	4	6 / 4	5W310-00N	
[B] Medium SDX Enclosure, empty, split metal door, one lock and key	96	4	6 / 4	5W320-00N	
Medium SDX Enclosure, empty, solid metal door, one lock and key	96	4	6 / 4	5W370-00N	
[C] Large SDX Enclosure, empty, solid metal door, no lock	288	12	6 / 12	5W710-00N	
Large SDX Enclosure, empty, split metal door, one lock and key	288	12	6 / 12	5W720-00N	
Large SDX Enclosure, empty, solid metal door, one lock and key	288	12	6 / 12	5W770-00N	

ACCESSORIES	
DESCRIPTION	PART NO.
SDX Enclosure Lock and Key	5L000-LOK

* = Maximum splice tray capacity is limited by height of selected splice tray. See pages B21 for list of SDX adaptor plates.



VERTIGO ZERO-U PATCH PANELS

- QuickPort® or SDX-style openings for copper and fibre installations
- Zero-U uses no rack space
- Improves cabinet centre airflow by routing rear cable along outer edges
- Styles with 3-inch channels* provide additional cable management space
- Hinged doors provide easy access to termination field
- Patented magnified lens label holders make for easy reading
- Pre-configured plug-n-play options available for fast network deployment, contact Customer Service at +44 (0) 1592 772124 for more information

*Not available as stand-alone pieces and must be purchased as a complete unit.

VERTIGO RACK-MOUNT PLUG-N-PLAY PATCH PANELS

- Adjustable mounting ears provide five unique offset distances for enhanced horizontal cable management
- Integrated cable manager
- Accepts all SDX adaptor plates, allowing for a mix of copper, fibre, and multimedia connectivity
- Provides either MTP® plug-n-play or discrete point termination
- All VertiGO Rack-Mount Plug-n-Play Patch Panels sold as custom configurations; contact Customer Service at +44 (0) 1592 772124 for more information

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos
 "How to Mount a VertiGO Patch Panel"

VERTIGO ZERO-U PATCH PANELS

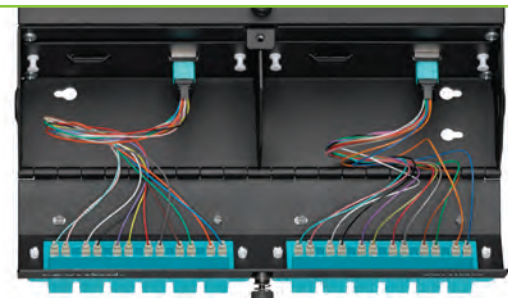
DESCRIPTION	PART NO.
[A] VertiGO Zero-U SDX Panel, empty	49280-AP0
[B] VertiGO Zero-U SDX Panel, 3" Channel, empty	49280-AP3
[C] VertiGO Zero-U Plug-N-Play Patch Panel*	Contact Customer Service +44 (0) 1592 772124
[D] VertiGO Rack-Mount Plug-N-Play Patch Panels*	Contact Customer Service +44 (0) 1592 772124

For VertiGO panels with QuickPort openings, see page A24.

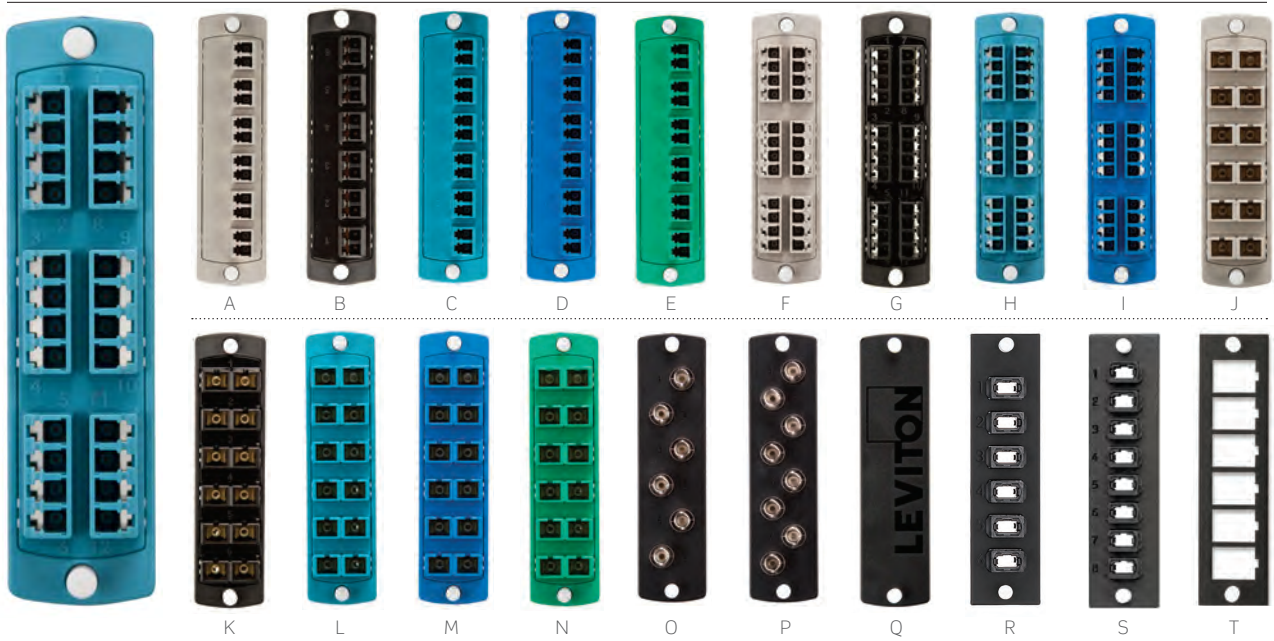
* = Minimum order quantity and lead times may apply.

SPOTLIGHT VertiGO

A major developer of enterprise cloud applications for human resource and finance organisations recently installed VertiGO Zero-U panels above their data centre cabinets. Installing above the cabinet allowed them to dedicate 100 per cent of their rack space to equipment, and mounting brackets made it easy to mount horizontally to ladder racks without requiring any drilling. The panels include both copper and fibre, using built-in dividers to isolate LC fibre and RJ copper connectivity against damage. Rear cable managers protect MTP connections and insure that no other cables installed in the ladder rack will disturb the connection to the cabinets.

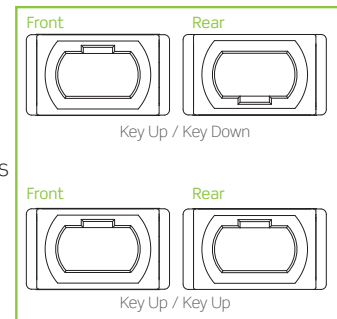


SDX Systems
FIBRE



SDX ADAPTOR PLATES

- Work with SDX Enclosures, including the 2000i, 1000i, 500i, VertiGO®, and wall mount
- Captive push/pull fasteners allow for quick, tool-free installation and removal
- Precision-molded LC and SC adaptor plate colours designate fibre type, per TIA standards
- Available in 6- to 24-fibre plates for LC, SC, and ST
- Available in 72- to 192-fibre plates for MTP®
- MTP and LC adaptor plates with shutters available by custom order
- 6-position QuickPort® Adaptor plates accept all QuickPort modules



SDX RACK-MOUNT ENCLOSURE CAPACITY

1RU FOR 2000i, 1000i & 500i	2RU FOR 2000i, 1000i & 500i	3RU FOR 1000i	3RU FOR 500i	4RU FOR 2000i & 1000i
Holds up to 3 adaptor plates	Holds up to 6 adaptor plates	Holds up to 9/12 adaptor plates	Holds up to 12 adaptor plates	Holds up to 12/15 adaptor plates
6-pk Dplx LC = up to 36-fibres 6-pk Quad LC = up to 72-fibres 8-pk Dplx LC = up to 48-fibres 3-pk Dplx SC = up to 18-fibres 6-pk Dplx SC = up to 36-fibres 6-pk ST = up to 18-fibres 8-pk ST = up to 24-fibres	6-pk Dplx LC = up to 72-fibres 6-pk Quad LC = up to 144-fibres 8-pk Dplx LC = up to 96-fibres 3-pk Dplx SC = up to 36-fibres 6-pk Dplx SC = up to 72-fibres 6-pk ST = up to 36-fibres 8-pk ST = up to 48-fibres	6-pk Dplx LC = up to 108/144-fibres 6-pk Quad LC = up to 216/288-fibres 8-pk Dplx LC = up to 144/192-fibres 3-pk Dplx SC = up to 54/72-fibres 6-pk Dplx SC = up to 108/144-fibres 6-pk ST = up to 54/72-fibres 8-pk ST = up to 72/96-fibres	6-pk Dplx LC = up to 144-fibres 6-pk Quad LC = up to 288-fibres 8-pk Dplx LC = up to 192-fibres 3-pk Dplx SC = up to 72-fibres 6-pk Dplx SC = up to 144-fibres 6-pk ST = up to 72-fibres 8-pk ST = up to 96-fibres	6-pk Dplx LC = up to 144/180-fibres 6-pk Quad LC = up to 288/360-fibres 8-pk Dplx LC = up to 192/240-fibres 3-pk Dplx SC = up to 72/90-fibres 6-pk Dplx SC = up to 144/180-fibres 6-pk ST = up to 72/90-fibres 8-pk ST = up to 96/120-fibres

SDX WALL-MOUNT ENCLOSURE CAPACITY

SMALL	MEDIUM	LARGE
Holds up to 2 adaptor plates	Holds up to 4 adaptor plates	Holds up to 12 adaptor plates
6-pk Dplx LC = up to 24-fibres 6-pk Quad LC = up to 48-fibres 8-pk Dplx LC = up to 32-fibres 3-pk Dplx SC = up to 12-fibres 6-pk Dplx SC = up to 24-fibres 6-pk ST = up to 12-fibres 8-pk ST = up to 16-fibres	6-pk Dplx LC = up to 48-fibres 6-pk Quad LC = up to 96-fibres 8-pk Dplx LC = up to 64-fibres 3-pk Dplx SC = up to 24-fibres 6-pk Dplx SC = up to 48-fibres 6-pk ST = up to 24-fibres 8-pk ST = up to 32-fibres	6-pk Dplx LC = up to 144-fibres 6-pk Quad LC = up to 288-fibres 8-pk Dplx LC = up to 192-fibres 3-pk Dplx SC = up to 72-fibres 6-pk Dplx SC = up to 144-fibres 6-pk ST = up to 72-fibres 8-pk ST = up to 96-fibres

SDX PRECISION-MOLDED FIBRE ADAPTOR PLATES

DESCRIPTION	PART NO.
[A] 12-fibre SDX Adaptor Plate, OM1, Duplex LC (Beige), zirconia ceramic sleeve	5F100-2IL
[B] 12-fibre SDX Adaptor Plate, OM2, Duplex LC (Black), zirconia ceramic sleeve	5F100-2EL
[C] 12-fibre SDX Adaptor Plate, OM3, Duplex LC (Aqua), zirconia ceramic sleeve	5F100-2QL
[D] 12-fibre SDX Adaptor Plate, OS2, Duplex LC (Blue), zirconia ceramic sleeve	5F100-2LL
[E] 12-fibre SDX Adaptor Plate, OS2, Duplex LC/APC (Green), zirconia ceramic sleeve	5F100-2VL
[F] 24-fibre SDX Adaptor Plate, OM1, Quad LC (Beige), zirconia ceramic sleeve	5F100-4IL
[G] 24-fibre SDX Adaptor Plate, OM2, Quad LC (Black), zirconia ceramic sleeve	5F100-4EL
[H] 24-fibre SDX Adaptor Plate, OM3, Quad LC (Aqua), zirconia ceramic sleeve	5F100-4QL
[I] 24-fibre SDX Adaptor Plate, OS2, Quad LC (Blue), zirconia ceramic sleeve	5F100-4LL
6-fibre SDX Adaptor Plate, OM1, Duplex SC (Beige), zirconia ceramic sleeve	5F100-6IC
6-fibre SDX Adaptor Plate, OM2, Duplex SC (Black), zirconia ceramic sleeve	5F100-6EC
6-fibre SDX Adaptor Plate, OM3, Duplex SC (Aqua), zirconia ceramic sleeve	5F100-6QC
6-fibre SDX Adaptor Plate, OS2, Duplex SC (Blue), zirconia ceramic sleeve	5F100-6LC
6-fibre SDX Adaptor Plate, OS2, Duplex SC/APC (Green), zirconia ceramic sleeve	5F100-6VC
[J] 12-fibre SDX Adaptor Plate, OM1, Duplex SC (Beige), zirconia ceramic sleeve	5F100-2IC
[K] 12-fibre SDX Adaptor Plate, OM2, Duplex SC (Black), zirconia ceramic sleeve	5F100-2EC
[L] 12-fibre SDX Adaptor Plate, OM3, Duplex SC (Aqua), zirconia ceramic sleeve	5F100-2QC
[M] 12-fibre SDX Adaptor Plate, OS2, Duplex SC (Blue), zirconia ceramic sleeve	5F100-2LC
[N] 12-fibre SDX Adaptor Plate, OS2, Duplex SC/APC (Green), zirconia ceramic sleeve	5F100-2VC
[O] 6-fibre SDX Adaptor Plate, ST MM/SM (Black), zirconia ceramic sleeve	5F100-6MT
[P] 8-fibre SDX Adaptor Plate, ST MM/SM (Black), zirconia ceramic sleeve	5F100-8MT
[Q] SDX Adaptor Plate, blank (Black)	5F100-PLT

SDX FIBRE ADAPTOR PLATES, METAL

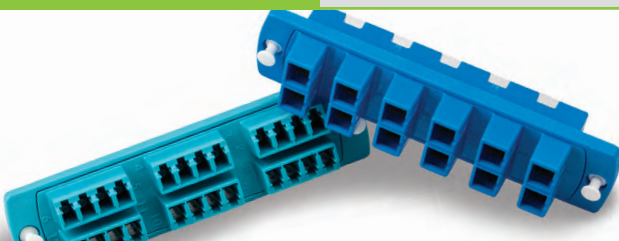
12-fibre SDX Adaptor Plate (Black), OM4, Duplex LC (Heather Violet), zirconia ceramic sleeve*	5F100-12M
16-fibre SDX Adaptor Plate (Black), OM1 & OM2, Duplex LC (Beige), phosphor bronze sleeve*	5F100-16P
16-fibre SDX Adaptor Plate (Black), OM3, Duplex LC (Aqua), zirconia ceramic sleeve*	5F100-16A
16-fibre SDX Adaptor Plate (Black), OM4, Duplex LC (Heather Violet), zirconia ceramic sleeve*	5F100-16M
16-fibre SDX Adaptor Plate (Black), OS2, Duplex LC (Blue), zirconia ceramic sleeve*	5F100-16Z
24-fibre SDX Adaptor Plate (Black), OM4, Quad LC (Heather Violet), zirconia ceramic sleeve*	5F100-24M
[R] SDX Adaptor Plate, 6 simplex MTP® (Black), key up/key down	5F100-6MP
SDX Adaptor Plate, 6 simplex MTP (Black), key up/key up*	5F100-6MB
[S] SDX Adaptor Plate, 8 simplex MTP (Black), key up/key down	5F100-8MP
SDX Adaptor Plate, 8 simplex MTP (Black), key up/key up*	5F100-8MB
[T] SDX Adaptor Plate, 6-position QuickPort® (Black), empty	5F100-6QP

* = Minimum order quantity and lead times may apply.

Additional adaptor plate configurations available. Please contact Customer Service at +44 (0) 1592 772124 for more information.

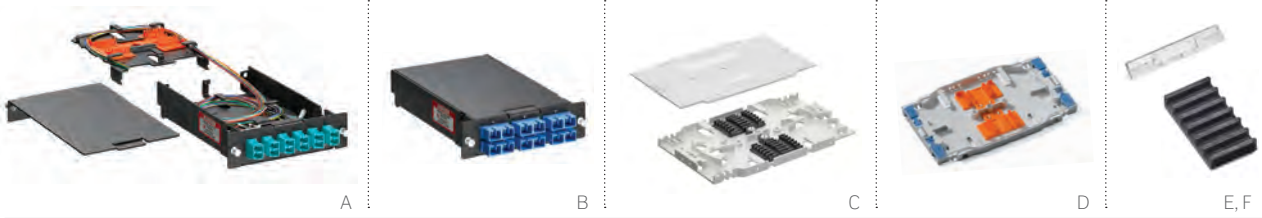
SPOTLIGHT

SDX Precision-Molded Adaptor Plates



Traditional adaptor plate construction typically uses independent couplers inserted in a metal plate that often results in a “rattling” of components. Leviton SDX Adaptor Plates eliminate rattling and loose-fitting adaptors by using precision molding and integrated adaptors, improving the overall performance, functionality, and quality of construction. All multimode and single-mode SDX plates feature zirconia ceramic sleeves, providing high performance and low insertion loss (recommended for applications requiring 10 Gbps and higher).

SDX SYSTEMS | Splice Trays & Splice Modules



SDX 12- & 24-FIBRE SPLICE MODULES

- Integrate fibre adaptor bulkhead (12 or 24 fibres) and splice holders, eliminating the need of splice trays
- Individual compartments provide slack storage and bend radius guides for respective backbone cable, 900 µm tight-buffer pigtails, and fusion-spliced fibres
- Modular design allows for ease of maintenance of individual spliced fibre and allows for scaling up without impacting existing fibres

KEYQUICK® MECHANICAL SPLICE

- Offers fast, accurate, and user-friendly mechanical splicing process
- Transparent body allows for visible light to ensure connection
- V Groove technology aligns fibres
- Average installation takes 30 seconds, with insertion loss level of 0.1dB

SDX 12- & 24-FIBRE SPLICE MODULES

DESCRIPTION	PART NO.
[A] 12-fibre Splice Module, LC* (includes splice holders as standard)	SPLCS-12x
24-fibre Splice Module, LC*	SPLCS-24x
[B] 12-fibre Splice Module, SC*	SPSCS-12x

* = Additional fibre types and connector combinations are available. For assistance ordering, call +44 (0) 1592 772124.

x = OM3 (A), OS2 (L), APC OS2 (V), OM4 (M)

Note: Splice-tray mounting hardware sold separately except as noted. Additional configurations available including mechanical splice.

Contact Customer Service at +44 (0) 1592 772124 for more information.

BRAND-REX 12- & 24-FIBRE SPLICE TRAY

DESCRIPTION	PART NO.
[C] 12-fibre Heat-Shrink Splice Tray	FPCFAS003
[D] 24-fibre Heat-Shrink Style Molded Splice Tray (includes 60 mm splice sleeves)	T5PLS-24F
45 mm Fusion-Splice Protection Heat-Shrink Sleeve; pack of 12	30-0008-01

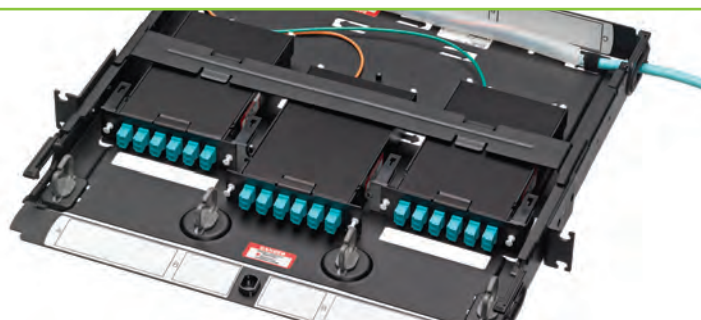
BRAND-REX KEYQUICK® MECHANICAL SPLICE

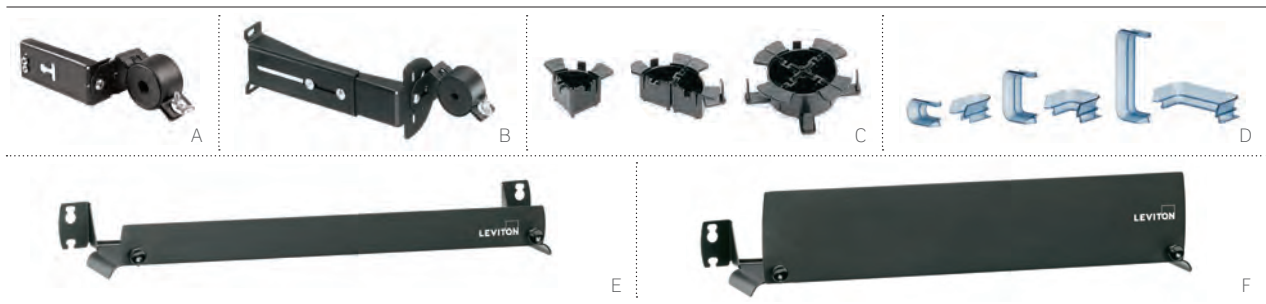
DESCRIPTION	PART NO.
[E] KeyQuick Mechanical Splice 250µm, 900µm	FPCMS001
[F] KeyQuick Mechanical Splice Holder	FPCMSH06

For assistance ordering your splice trays, visit Leviton.com/configurator or call Customer Service at +44 (0) 1592 772124.

SPOTLIGHT | SDX Fibre Splice Modules

SDX 12- and 24-fibre Splice Modules protect and organise heat-shrink fusion spliced fibres inside a fibre enclosure. Splice modules eliminate the need for individual splice trays within a fibre enclosure and provide optimal organisation and slack management of fibres. Plus, the modular design enables faster field splicing and simple management of pigtails within the housing.





SDX SYSTEM ACCESSORIES

- Cable Clamp Kits minimise excessive pulling, bending, and crushing
- Support easy cable identification and decrease the need for tie-wraps inside the enclosure
- Fibre Cable Management Rings secure fibre slack
- Patch Cord Management Trays help route and organise cables, mount directly to the front of the enclosures, and do not require additional rack space
- HDX Retrofit Tray upgrades 2000i and 1000i SDX to accept HDX cassettes

AVAILABLE FOR

ACCESSORIES		UHD	2000i SDX	1000i SDX	500i SDX	SDX WALL-MOUNT
DESCRIPTION	PART NO.					
[A] Universal Clamp Kit, single cable grommet (for enclosure mounting)	5RCMP-KIT	X	X	X	X	
	5RCMP-KT2	X	X	X	X	
[B] Universal Clamp Kit, single and multiple cable grommet (for rack mounting)	5RCMR-KIT	X	X	X	X	
	1RU 23" Rack and Cabinet Mounting Bracket [^]		X	X		
23" Rack and Cabinet Mounting Bracket	5REAR-023	X				
Replacement Door [^]	5D000-*UN		X			
Replacement Door with Lock [^]	5D000-*UL		X			
Replacement Covers [^]	5C000-RPL		X			
Covers, metal [^]	5CMTL-RPL		X			
[C] Fibre Cable Management ¼" Ring Kit (bag of four ¼" rings)	5R100-14R		X	X	X	
[D] 2000i Patch Cord Bend Radius Bracket (bag of two) [^]	5PCBR-*BT		X			
	Lock and Key for Rack-Mount Enclosure			X		
Lock and Key for Wall-Mount Enclosure	5L000-LOK					X
HDX Retrofit Sliding Tray 1RU	5R1UR-TRY		X	X		
HDX Retrofit Sliding Tray 2RU	5R2UR-TRY		X	X		
[E] 1RU Patch Cord Management Tray, for use with 1RU enclosure, 4" depth	5R1UL-CMT				X	
[F] 2RU Patch Cord Management Tray, for use with 2RU and 3RU enclosure, 4" depth	5R2UL-CMT				X	
	Grounding Kit	DPGRD-KIT	X	X	X	X

[^] = Minimum order quantity and lead times may apply.

* = Rack Units: 1RU (1), 2RU (2), 4RU (4)

SPOTLIGHT

Cable Clamp Kits



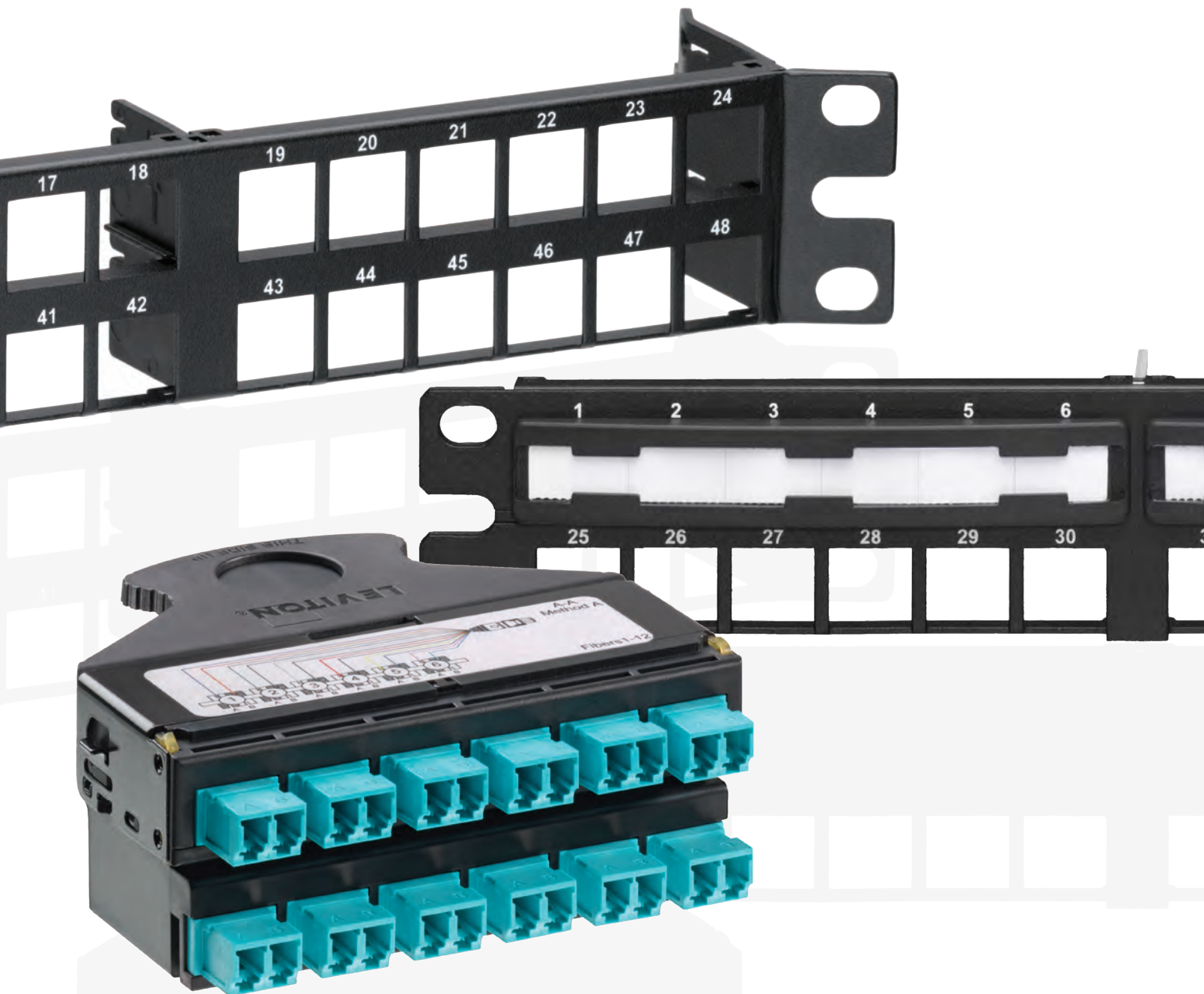
Cable clamp kits minimise excessive pulling, bending, and crushing forces on cable. The Enclosure-Mount Universal Clamp Kit makes it easy to identify cables, and decreases the need for tie-wraps inside the enclosure. The kit also creates a transition point from jacketed cable to buffered fibre or subunits. The Rack-Mount Universal Clamp Kit is ideal for vertical strain relief and strain relief at the top or bottom of a rack/cabinet. Use it for installations with minimal vertical cable pathways and little space for an enclosure-mount cable clamp kit.

Rack-Mount Universal Clamp Kit Installed

Enclosure-Mount Universal Clamp Kit Installed



SDX Systems
FIBRE



e2XHD Snap-In Cassette Patching System

FEATURED PRODUCTS

Panels **B27**

Cassettes **B28**

The e2XHD Copper and Fibre Patching System is an easy-to-connect, high-density solution for enterprise and data centre applications, where fast deployment and simple maintenance are critical. The system includes 1RU high-density panels, copper and fibre snap-in cassettes, and accessories for additional cable protection and management. The e2XHD cassettes quickly snap in and pull out of the panels, making installation, moves, adds, and changes easier than ever. For copper cassettes, see page A23.



e2XHD Patching System
FIBRE

e2XHD HIGH-DENSITY PATCH PANELS

High-density panels allow patching for up to 48 duplex fibre channels in a 1RU panel.



e2XHD MTP-MTP Pass-Through Cassette



e2XHD FIBRE CASSETTES

Fibre MTP® Cassettes provide a simple migration path to 40G or 100G networks. The cassettes are pre-terminated and available in 12 or 24 fibres, OM3, OM4, or OS2 single-mode.

The e2XHD Fibre Cassette features an MTP adaptor that swivels to three positions for easier cable routing. Used in conjunction with the patching system's rear cable manager and cable management rings, the adaptor delivers an ideal solution for eliminating cable tension and ensuring proper bend radius.



e2XHD 24-Fibre Cassette, MTP-LC, Edge



e2XHD 12-Fibre QuickPort® LC Cassette, OM3/OM4 - Aqua

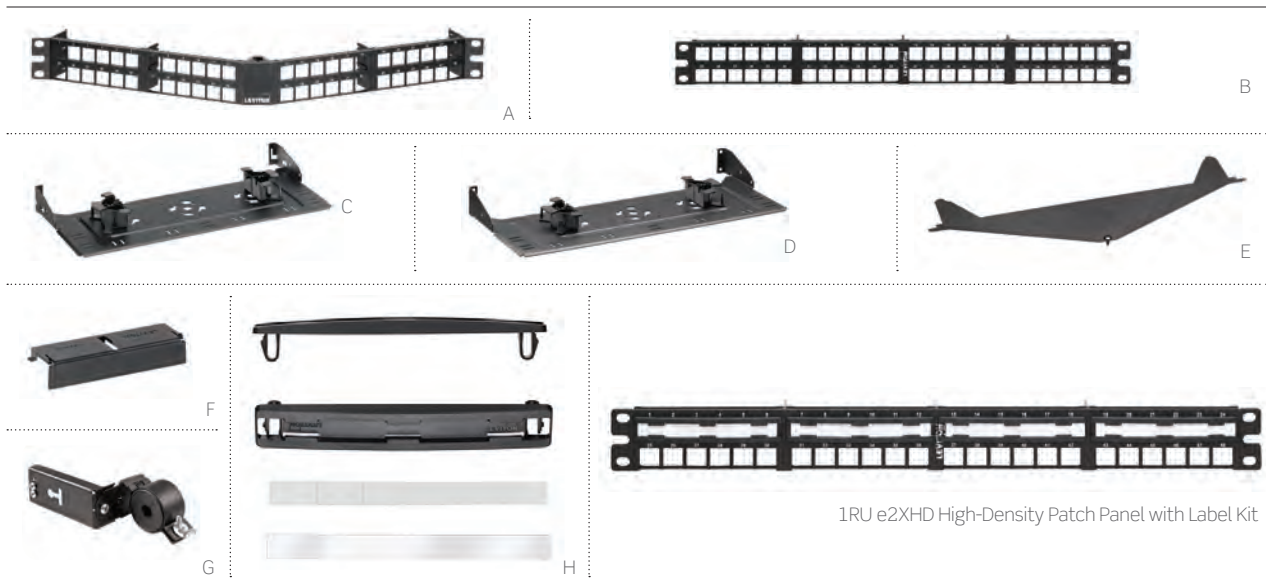
WATCH: TRAINING VIDEOS



[Leviton.com/ns/videos](https://leviton.com/ns/videos)
"e2XHD Cassette-Based Patching System"

e2XHD SNAP-IN CASSETTE PATCHING SYSTEM | Panels, Cable Managers, Covers, & Tools

FIBRE
e2XHD Patching System



HIGH-DENSITY PANELS

- Allows for fibre and copper in the same panel
- 1RU panels hold up to 8 single-height fibre cassettes (48-fibre channels)
- Alignment tabs on panels ensure upright insertion of cassettes
- Mount on standard 19-inch racks or cabinets

ANGLED PANEL COVER

- Uses no additional rack space
- Minimises dust and debris behind panels
- Attaches directly to e2XHD Angled Panel
- Can be retrofitted after panel is installed
- Can be used for top and bottom of panels

REAR CABLE MANAGERS

- Support both fibre and copper cables
- Cable management rings included to help manage and route incoming fibre cables
- Built-in VELCRO® Brand tie downs secure cables
- Optional clamp kits available to provide cable strain relief for incoming cables
- Flat Panel Manager mounts to rack or cabinet; screws included
- Angled Panel Manager attaches directly to panels

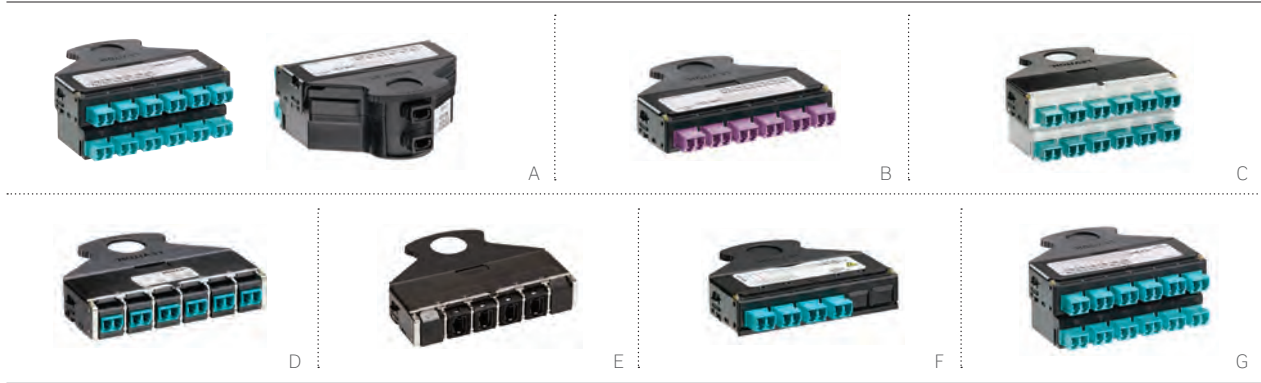


e2XHD Snap-In Cassette Patching System for copper applications on page A24.

e2XHD PANELS, CABLE MANAGERS, COVERS, & TOOLS		
DESCRIPTION		PART NO.
[A]	1RU e2XHD Angled High-Density Panel	E2X1A-D48
[B]	1RU e2XHD Flat High-Density Panel	E2X1F-D48
[C]	e2XHD Rear Cable Manager for Angled Panel, with fibre storage rings (four ¼" rings)	E2XHD-CMB
[D]	e2XHD Rear Cable Manager for Flat Panel, with fibre storage rings (four ¼" rings)	E2X1F-CMB
[E]	e2XHD Angled Panel Cover	E2XHD-COV
[F]	e2XHD Cassette Blank	E2XHD-BLK
	QuickPort® Connector Removal Tool	E2XHD-JRT
[G]	Universal Clamp Kit, single cable grommet (mounts to Rear Cable Manager)	5RCMP-KIT
	Universal Clamp Kit, multiple cable grommet (mounts to Rear Cable Manager)	5RCMP-KT2
	Universal Clamp Kit, single and multiple cable grommet (for rack mounting)	5RCMR-KIT
[H]	e2XHD Label Kit (4 pack)*	E2XHD-LBL

+ = Label kit occupies one row of panel.

e2XHD SNAP-IN CASSETTE PATCHING SYSTEM | Cassettes



FIBRE CASSETTES

- Easy to migrate from 10G to 40/100G when used with Leviton cable assemblies
- Used exclusively with e2XHD panels
- Available in MTP-MTP or MTP-LC
- Available in 12- or 24-fibre, OM3, OM4, OS2
- MTP® adaptor swivel allows for easy cable routing and proper bend radius
- QuickPort® MTP-LC Cassette uses QuickPort modular fibre adaptors; can be removed with QuickPort Connector Removal Tool
- Blank cassettes reserve capacity for future cassettes, easily snap into rear of panel to block unused cassette openings
- Conversion cassettes available (40G to 10G, 100G to 10G, 120G to 10G)

For assistance customising your cassettes, please visit [Leviton.com/configurator](https://leviton.com/configurator) or call Customer Service at +44 (0) 1592 772124.



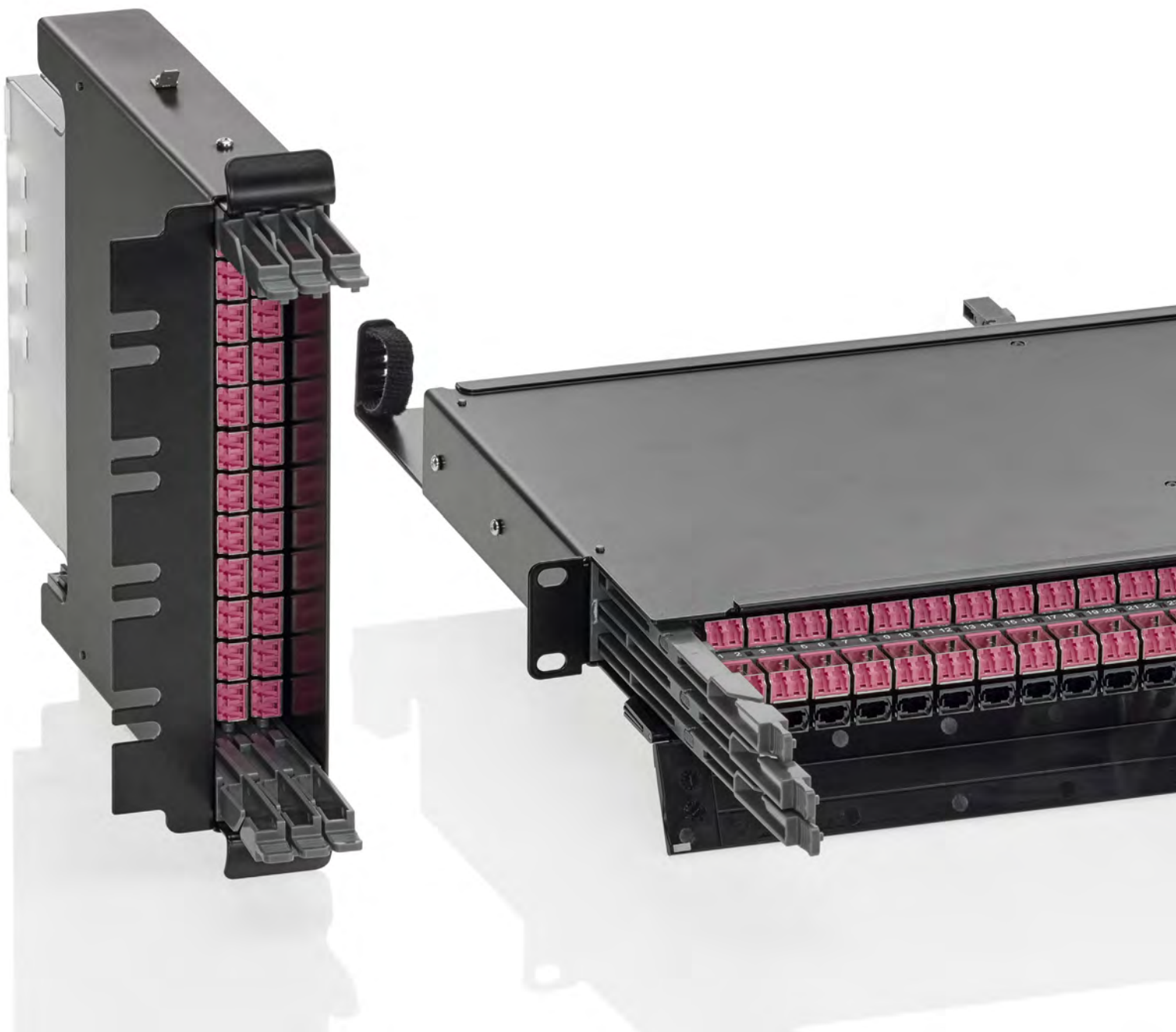
e2XHD PATCHING SYSTEM CASSETTES

DESCRIPTION	PART NO.
[A] 24-fibre e2XHD Cassette, MTP-LC, core (2x12 Fibre MTP)	(see options below)
[B] 12-fibre e2XHD Cassette, OM4, MTP-LC, core (1x12 Fibre MTP)	(see options below)
[C] 24-fibre e2XHD Cassette, MTP-LC, edge (2x12 Fibre MTP)	(see options below)
[D] 12-fibre e2XHD QuickPort Cassette, OM3, LC (Aqua)	E2XLC-AQU
12-fibre e2XHD QuickPort Cassette, OS2, LC (Blue)	E2XLC-BLU
[E] e2XHD Cassette, MTP-MTP passthrough, four key-up/key-down adaptors	E2XHD-4MP
e2XHD Cassette, MTP-MTP passthrough, four key-up/key-up adaptors	E2XHD-4MB
8-fibre e2XHD Conversion Cassette, 40G to 10G OM3, MTP-LC*	FME2XHD-E008CKQDJ
[F] 8-fibre e2XHD Conversion Cassette, 40G to 10G OM4, MTP-LC*	FME2XHD-F008CKQDJ
8-fibre e2XHD Conversion Cassette, 40G to 10G OS2, MTP-LC*	FME2XHD-A008CKQDJ
24-fibre e2XHD Conversion Cassette, 120G to 10G OM3, MTP-LC*	FME2XHD-E024CKQES4
[G] 24-fibre e2XHD Conversion Cassette, 120G to 10G OM4, MTP-LC*	FME2XHD-F024CKQES4
24-fibre e2XHD Conversion Cassette, 120G to 10G OS2, MTP-LC*	FME2XHD-A024CKQES4

* = Minimum order quantity and lead times may apply.

Make-to-Order! e2XHD MTP FIBRE CASSETTE OPTIONS

FIBRE TYPE	FIBRE COUNT	CONNECTOR TYPE	MTP FIBRE COUNT	POLARITY
• OM3	• 8	• LC	• 12F MTP	• Method A
• OM4	• 12	• 8F MTP (female)		• Method B, Core, Black
• OS2	• 24			• Method B, Edge, White
				• Method C



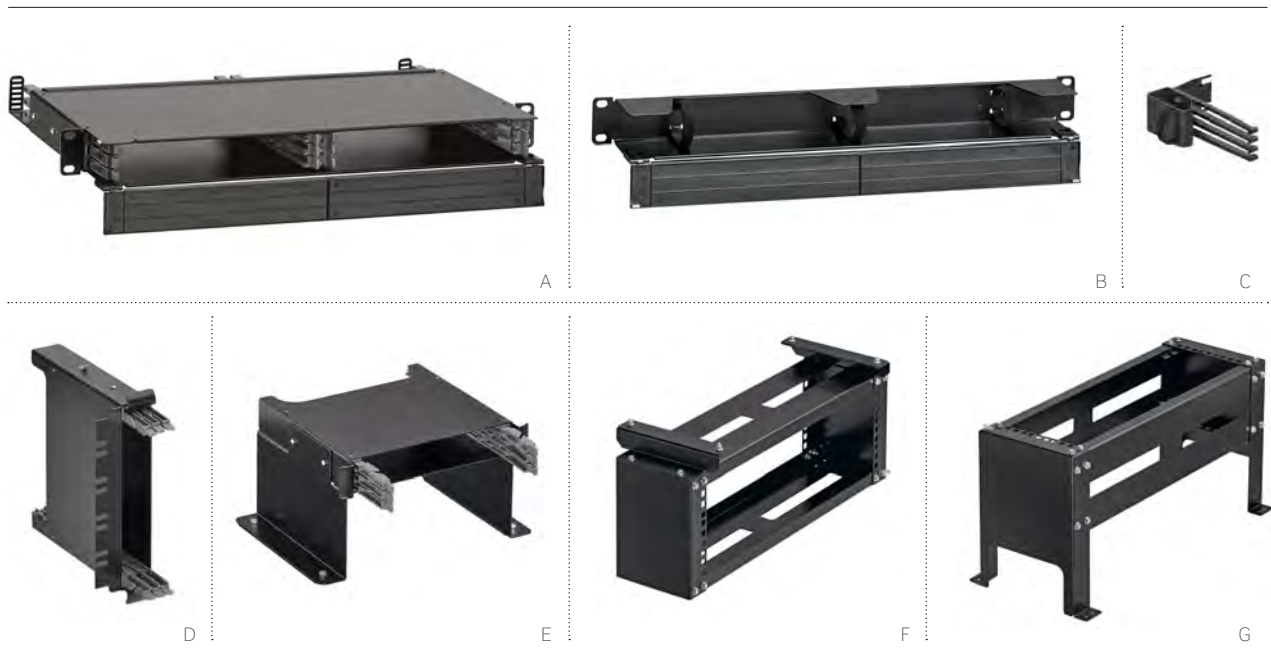
FEATURED PRODUCTS

Panels **B30**

Cassettes **B31**

HI-DEX[®] System

The HI-DEX patching system offers the perfect balance between density, administration, and realistic usability. Compact cassettes allow for up to 144 fibres in LC or 864 fibres in MTP[®] in a 1RU space. The panel's modular and scalable design allows isolated access to split trays, ensuring a simple and intuitive yet cost-effective upgrade path.



HI-DEX System
FIBRE

HI-DEX PANEL SETS

- 1RU 19-inch panel accommodates up to six HI-DEX cassettes or adaptor plates
- High fibre density of up to 144 LC fibres per RU
- Cassettes and adaptor plates slide out individually, allowing unrestricted access to every port
- Cassettes and adaptor plates can load from front or rear
- Labelling space for port, cassette, and panel identification
- Matching 1RU cable manager provides routing protection across the front of the rack
- Innovative finger management provides bend radius control prevents disruption to fibre when sliding runners are moved

PANEL SETS		
DESCRIPTION	GREY	BLACK
[A] 1RU HI-DEX Panel	HDXPNL8	HDXPNL2
[B] 1RU HI-DEX Cable Manager	HDXM1U8	HDXM1U2
[C] 1RU HI-DEX Finger Management	HDXMNF8	HDXMNF2
ZERO U ACCESSORIES		
DESCRIPTION	PART NO.	
[D] HI-DEX Side Rack Consolidation Point, Black (3 cassettes)	HDXZSR2	
[E] HI-DEX Cable Tray Consolidation Point, Black (3 cassettes)	HDXZCT2	
[F] HI-DEX 3U Hanging Rack Frame, Black	HDXZHR2	
[G] HI-DEX 3U Under Floor Frame, Black	HDXZUF2	



A



B



C

HI-DEX CASSETTES & ADAPTOR PLATES

- Plug-and-play cassettes and adaptor plates allow flexibility in fibre type and patch presentation
- Ultra high-performance connectors achieve a low-loss optical budget
- Cassettes provide 24-fibre MTP®-LC patching for 144-fibres in 1RU
- Shuttered LC adaptors on closed cassettes have integrated dust and laser protection
- Adaptor plates offer 24-fibre LC or 864-fibre MTP in a single cassette
- Cassettes can be configured with opposed or aligned MTP adaptors, or UPC or APC LC adaptors

CASSETTES (OM3, OM4, and single-mode options use bend insensitive fibre as standard)

DESCRIPTION	PART NO.
[A] 2x12 MTP-LC OM4 HI-DEX Cassette, B Polarity	HDXBBTMLCOM424
2x12 MTP-LC OM3 HI-DEX Cassette, B Polarity	HDXBBTMLCOM324
2x12 MTP-LC SM APC HI-DEX Cassette, B Polarity	HDXBBTMAL10824
2x12 MTP-LC SM HI-DEX Cassette, B Polarity	HDXBBTMLC10824
2x12 MTP-LC OM4 HI-DEX Cassette, A/C Polarity	HDXACTMLCOM424
2x12 MTP-LC OM3 HI-DEX Cassette, A/C Polarity	HDXACTMLCOM324
2x12 MTP-LC SM APC HI-DEX Cassette, A/C Polarity	HDXACTMAL10824
2x12 MTP-LC SM HI-DEX Cassette, A/C Polarity	HDXACTMLC10824

POLARITY CHOICES ORDERING INFORMATION

PRODUCT SET	CABLE TYPE	POLARITY	MTP ADAPTOR TYPE	LC ADAPTOR TYPE	FIBRE COUNT
HDX = HI-DEX	AC = A and C Polarity BB = B Polarity	TM = MTP Adaptor with Pins	LC = UPC LC AL = APC LC	OM3 OM4 108 (single-mode)	24

Example Part No: HDXBBTMLCOM424 HI-DEX = 24-fibre B-Polarity OM4 MTP® (With Pins) to LC Cassette

ADAPTOR PLATES

DESCRIPTION	PART NO.
[B] 12 Simplex MTP (Opposed) HI-DEX Adaptor Plate	HDXOCAM144
12 Simplex MTP (Aligned) HI-DEX Adaptor Plate	HDXOCBM144
12 Duplex LC OS2 (Blue) HI-DEX Adaptor Plate	HDXOCLC10824
12 Duplex LC OM3 (Aqua) HI-DEX Adaptor Plate	HDXOCLCOM324
[C] 12 Duplex LC OM4 (Heather Violet) HI-DEX Adaptor Plate	HDXOCLCOM424
Blank Open HI-DEX Adaptor Plate	HDXOCBLK



A

SPLICE CASSETTES

- High-density 24-fibre Splice Cassette offers up to 144 fibres to be spliced and managed in 1 rack unit
- 12 ultra-high-performance LC Duplex adaptors per cassette achieve a low-loss optical budget
- Shuttered adaptors with integrated dust and laser protection as standard
- Accommodates 1-meter 250µm fibre pigtailed and up to 1-meter 900µm incoming fibre
- Space for 4 incoming trunk cables up to 9mm in diameter accommodates Brand-Rex PDC and Unitube cable and individual Blolite Air Blown Fibre ducts
- Optimised fibre pathway for improved management and containment of fibre
- Printed port identification, coloured fibre pairs, and a transparent lid assist with fibre identification and splice management

24-FIBRE SPLICE CASSETTES

DESCRIPTION	PART NO.
HI-DEX Splice LC SM Loaded with 24-fibre Pigtail Cassette	HDXSPLC20824
HI-DEX Splice LC SM Empty Cassette	HDXSPLC20800
HI-DEX Splice LC SM APC Loaded with 24-fibre Pigtail Cassette	HDXSPAL20824
HI-DEX Splice LC SM APC Empty Cassette	HDXSPAL20800
HI-DEX Splice LC OM3 Loaded with 24-fibre Pigtail Cassette	HDXSPLCOM324
HI-DEX Splice LC OM3 Empty Cassette	HDXSPLCOM300
[A] HI-DEX Splice LC OM4 Loaded with 24-fibre Pigtail Cassette	HDXSPLCOM424
HI-DEX Splice LC OM4 Empty Cassette	HDXSPLCOM400

250µm FIBRE PIGTAILS FOR 24-FIBRE SPLICE CASSETTES

12x LC SM 250µm 1 m Fibre Pigtailed	HOTLC2087001000-12
12x LC SM APC 250µm 1 m Fibre Pigtailed	HOTAL2087001000-12
12x LC OM3 250µm 1 m Fibre Pigtailed	HOTLCOM37001000-12
12x LC OM4 250µm 1 m Fibre Pigtailed	HOTLCOM47001000-12

Note: Each of the 12 fibres is individually coloured as per TIA-598-C.
Individual 250µm pigtailed in a range of colours are also available. Please contact Customer Service at +44 (0) 1592 772124 for more information.



FEATURED PRODUCTS

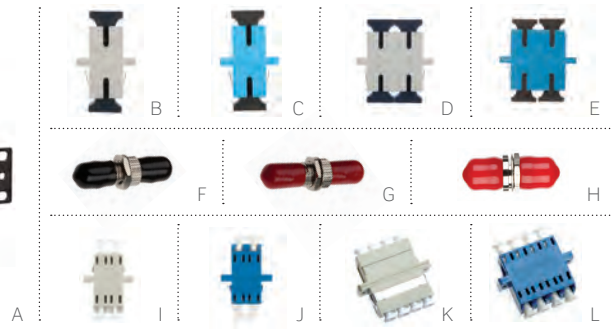
Panels **B34 - B36**

Adaptors **B34**

FibrePlus System

FibrePlus panels are designed with an emphasis on usability and accessibility, while allowing for up to 96 connections per rack unit. The panels are available empty or preloaded, and their shallow depth allows for installation in most standard racks and wall-mount enclosures.

FIBREPLUS SYSTEM | FibrePlus Unloaded Patch Panels & Adaptors



FIBREPLUS - UNLOADED PANELS & PANEL OPTIONS

- 1RU 19-inch panels available in black or grey
- Available to support ST, FC, SC, LC, or MT-RJ adaptors
- Sliding tray for easy access complete with quick release fastenings
- Front panel includes a port identification strip
- Raised slots in the panel base allow for customised fibre-management configurations and additional securing for incoming cables
- Additional adaptor blanking plugs are available on request
- Suitable for both Blolite and conventional fibre cables

OPTICAL ADAPTORS

- LC adaptors (duplex and quad) have a polymer body with a precision alignment sleeve
- SC adaptors (simplex and duplex) have a polymer body and precision alignment sleeve
- ST adaptors have a nickel-plated zinc-die-cast body with precision alignment sleeve
- FC adaptors have a nickel-plated brass body with a precision alignment sleeve

FIBREPLUS - UNLOADED PANELS & PANEL OPTIONS

DESCRIPTION	PART NO.
[A] Unloaded Optical for up to 24 ST or FC adaptors, Black	FPCC1SXXX24ST2
Unloaded Optical for up to 12 SC Duplex or LC Quad adaptors, Black	FPCC1SXXX24DC2
Unloaded Optical for up to 24 SC Duplex or LC Quad adaptors, Black	FPCC1SXXX48DC2
Unloaded Optical for up to 24 SC Simplex, MT-RJ & LC Duplex adaptors, Black	FPCC1SXXX48SC2
Fibre Management Kit (includes loops and 24 way splice bridge)	FPFCMKIT001
Adaptor Collar for 3 mm Blolite Straight Connector	30-0301-5
ST/FC Blanking Plugs, Black, Pack 100	BPST101-100
SC Simplex Blanking Plug (also suitable for LC & MT -RJ), Black, Pack 100	BPESC101-100
SC Duplex Blanking Plug (also suitable for LC Quad), Black, Pack 100	BPESC301-100
MP25 Manifold Gland	30-4800-09

OPTICAL ADAPTORS

SC ADAPTORS	PART NO.
[B] SC, Multimode, Phosphor Bronze Sleeve, Beige	BHCSCMM001
[C] SC, Single-mode, Zirconia Ceramic Sleeve, Blue	BHCSCSM001
[D] SC Duplex, Multimode, Phosphor Bronze Sleeve, Beige	BHDCM001
[E] SC Duplex, Single-mode, Zirconia Ceramic Sleeve, Blue	BHDCSM001
ST AND FC ADAPTORS	
[F] ST, Multimode, Phosphor Bronze Sleeve	BHCSTMM001
[G] ST, Single-mode, Zirconia Ceramic Sleeve	BHCSTSM001
[H] FC-PC, Single-mode, Zirconia Ceramic Sleeve	BHCFCSM001
LC ADAPTORS	
[I] LC Duplex, Multimode, Phosphor Bronze Sleeve, Beige	BHCLCMM001
[J] LC Duplex, Single-mode, Zirconia Ceramic Sleeve, Blue	BHCLCSM001
[K] LC Quad, Multimode, Phosphor Bronze Sleeve, Beige	BHCL4MM001
[L] LC Quad, Single-mode, Zirconia Ceramic Sleeve, Blue	BHCL4SM001
MT RJ adaptor	BHCMJXX001



A

FIBREPLUS PRELOADED PATCH PANELS

- 1RU 19-inch panels available in black or grey
- Available preloaded with ST, FC, SC, MT-RJ, or LC adaptors
- Sliding tray for easy access complete with quick release fastenings
- Shallow depth allows for installation in most standard racks and wall-mount enclosures
- Front panel includes a port identification strip
- Raised slots in the panel base allow for customised fibre management configurations and additional securing for incoming cables
- Additional adaptor blanking plugs are available on request
- Suitable for both Blolite and conventional fibre cables

[A] FIBREPLUS - LOADED PATCH PANELS						
DESCRIPTION	4 ADAPTOR	6 ADAPTOR	8 ADAPTOR	12 ADAPTOR	16 ADAPTOR	24 ADAPTOR
ST, Single-mode	FPCC1SXSM04ST2	FPCC1SXSM06ST2	FPCC1SXSM08ST2	FPCC1SXSM12ST2	FPCC1SXSM16ST2	FPCC1SXSM24ST2
ST, Multimode	FPCC1SXMM04ST2	FPCC1SXMM06ST2	FPCC1SXMM08ST2	FPCC1SXMM12ST2	FPCC1SXMM16ST2	FPCC1SXMM24ST2
FC, Single-mode	FPCC1SXSM04FC2	FPCC1SXSM06FC2	FPCC1SXSM08FC2	FPCC1SXSM12FC2	FPCC1SXSM16FC2	FPCC1SXSM24FC2
SC Duplex, Single-mode	FPCC1SXSM08DC2	FPCC1SXSM12DC2	FPCC1SXSM16DC2	FPCC1SXSM24DC2	FPCC1SXSM32DC2	FPCC1SXSM48DC2
SC Duplex, Multimode	FPCC1SXMM08DC2	FPCC1SXMM12DC2	FPCC1SXMM16DC2	FPCC1SXMM24DC2	FPCC1SXMM32DC2	FPCC1SXMM48DC2
SC Simplex, Single-mode	FPCC1SXSM04SC2	FPCC1SXSM06SC2	FPCC1SXSM08SC2	FPCC1SXSM12SC2	FPCC1SXSM16SC2	FPCC1SXSM24SC2
SC Simplex, Multimode	FPCC1SXMM04SC2	FPCC1SXMM06SC2	FPCC1SXMM08SC2	FPCC1SXMM12SC2	FPCC1SXMM16SC2	FPCC1SXMM24SC2
MT-RJ Duplex	FPCC1SXXM08MJ2	FPCC1SXXM12MJ2	FPCC1SXXM16MJ2	FPCC1SXXM24MJ2	FPCC1SXXM32MJ2	FPCC1SXXM48MJ2
LC Duplex, Single-mode	FPCC1SXSM08LC2	FPCC1SXSM12LC2	FPCC1SXSM16LC2	FPCC1SXSM24LC2	FPCC1SXSM32LC2	FPCC1SXSM48LC2
LC Duplex, Multimode	FPCC1SXMM08LC2	FPCC1SXMM12LC2	FPCC1SXMM16LC2	FPCC1SXMM24LC2	FPCC1SXMM32LC2	FPCC1SXMM48LC2
LC Quad, Single-mode	—	—	—	—	—	FPCC1SXSM96LC2
LC Quad, Multimode	—	—	—	—	—	FPCC1SXMM96LC2



A



B

HIGH-DENSITY FIBRE MANAGEMENT PANELS

- 48 fibres (12 quad LC adaptors) in 1RU
- 1RU panel suitable for installation in 17-inch and 19-inch racks
- Two unique half-RU trays can be accessed individually: Each tray pivots and slide out, allowing dress and splice work without completely removing the tray
- Adaptors are angled for ease of management
- Can be supplied with or without pigtails
- Clear hinging lid to allow visibility within tray without the need to remove any parts

DUAL PIVOTING PATCH PANEL

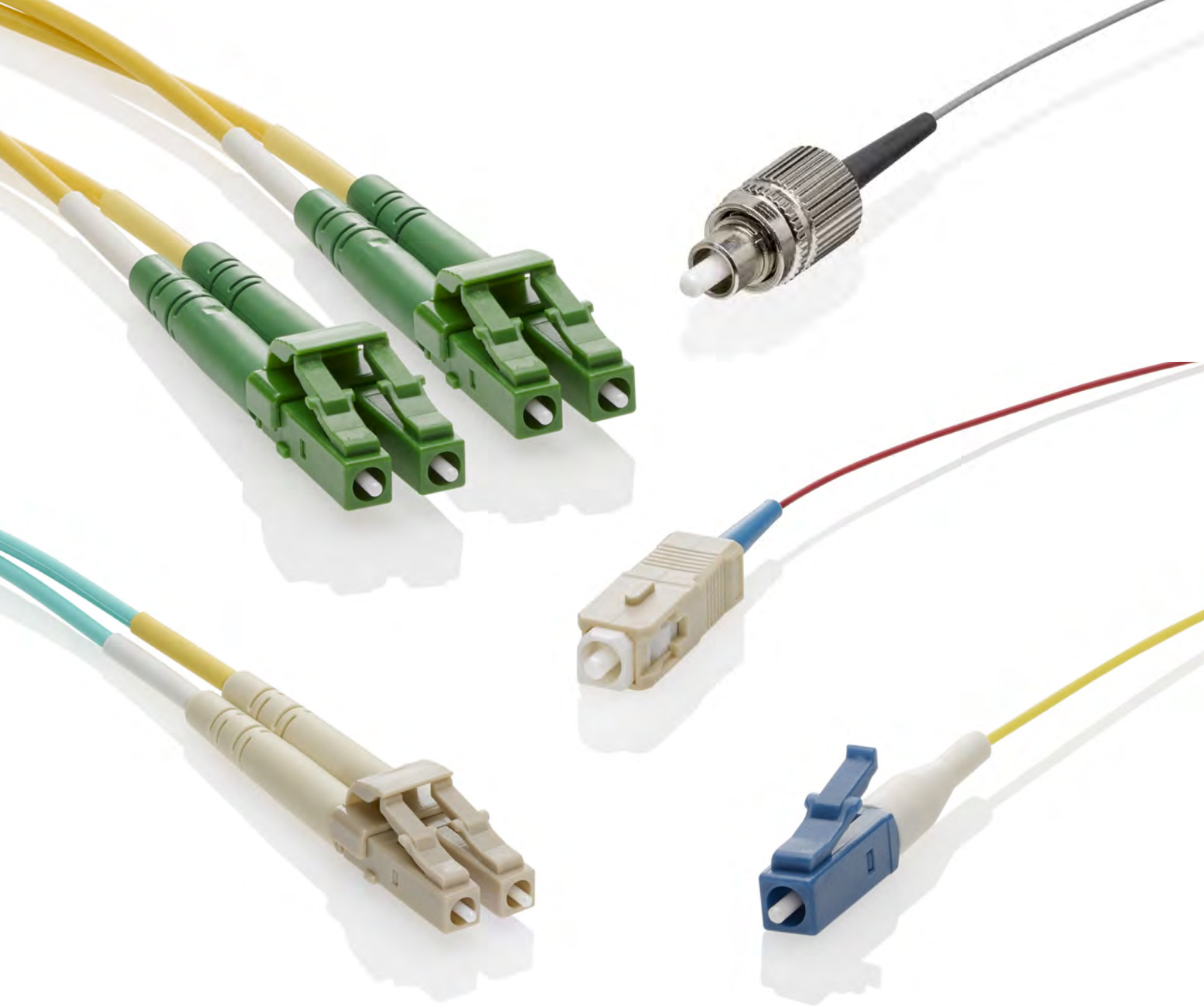
- 1RU 19-inch panel with two pivoting cassettes
- Clear storage of connections while allowing for easy access to adaptors in the event of moves, adds, or changes
- Allows two cassettes to pivot out in both directions to create access to the fibre management whilst maintaining a fixed cable-entry point
- Each cassette can be managed individually
- Accessible transparent lid to protect fibre and allow access to adjust or change the connections whilst installed

HIGH-DENSITY FIBRE MANAGEMENT PANELS

DESCRIPTION	PART NO.
[A] High-Density Fibre Management Panel, 48 LC Ports, 1RU dual cassette, part loaded with 12 x Quad LC Multimode adaptors and glands, Black	FPCPC1XMM48LC2
High-Density Fibre Management Panel, 48 LC Ports, 1RU dual cassette, part loaded with 12 x Quad LC Single-mode adaptors and glands, Black	FPCPC1XSM48LC2
High-Density Fibre Management Panel, 48 LC ports, 1RU dual cassette, loaded with 12 x Quad LC Single-mode adaptors, glands and 48 x 2m 900µm Simplex OS1/OS2 easy strip pigtails, Black	FPCPC100848LC2
High-Density Fibre Management Panel, 48 LC ports, 1RU dual cassette, loaded with 12 x Quad LC Multimode adaptors, glands and 48x 2m 900µm simplex OM3 easy strip pigtails, Black	FPCPC1OM348LC2

FIBREPLUS DUAL PIVOTING PATCH PANELS

19" Optical Dual Pivoting Panel 1RU, populated with Single-mode flangeless LC Quad adaptors	TCCPC1SM48LC2
[B] 19" Optical Dual Pivoting Panel 1RU, populated with Multimode flangeless LC Quad adaptors	TCCPC1MM48LC2
19" Optical Dual Pivoting Panel 1RU, unpopulated	TCCPC1XXXXXX2



FEATURED PRODUCTS

Patch Cords **B38**

Pigtails **B41**

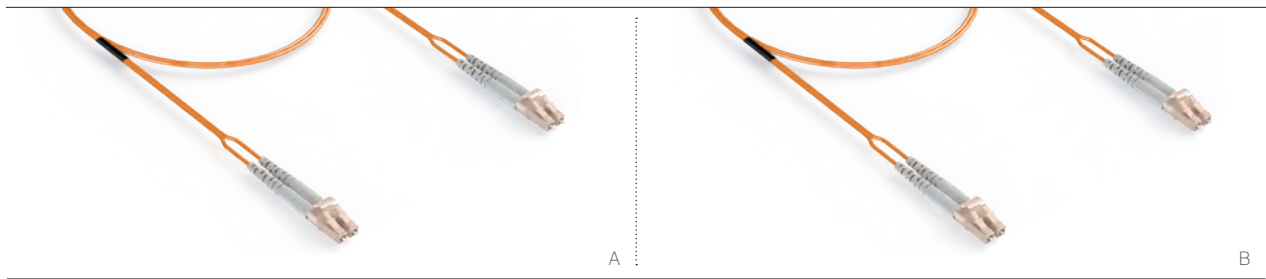
Secure Keyed LC Patch Cords **B42**

MTP® Assemblies **B43**

Pre-Terminated Cable Assemblies

Simplify fibre connection and termination with Leviton cable assemblies. Choose from a wide selection of patch cords, and take advantage of our Secure Keyed LC or MTP assemblies to protect and future-proof your critical networks. Choose cable type, connector combinations, length, mode, and more.

PRE-TERMINATED CABLE ASSEMBLIES | Patch Cords



MULTIMODE OPTICAL PATCH CORDS

- LC, SC, FC, MT-RJ , and ST options available
- Low-Smoke Halogen Free
- 100% factory tested
- Individually packed and labelled

62.5/125 OM1 MULTIMODE OPTICAL PATCH CORDS

DESCRIPTION	1M	2M	3M	5M
FC - FC Duplex	HOPFC062010FC291	HOPFC062020FC291	HOPFC062030FC291	HOPFC062050FC291
LC - SC Duplex	HOPLC062010SC293	HOPLC062020SC293	HOPLC062030SC293	HOPLC062050SC293
LC - ST Duplex	HOPLC062010ST293	HOPLC062020ST293	HOPLC062030ST293	HOPLC062050ST293
[A] LC - LC Duplex	HOPLC062010LC293	HOPLC062020LC293	HOPLC062030LC293	HOPLC062050LC293
MT-RJ - SC Duplex	HOPMJ062010SC292	HOPMJ062020SC292	HOPMJ062030SC292	HOPMJ062050SC292
SC - SC Duplex	HOPSC062010SC291	HOPSC062020SC291	HOPSC062030SC291	HOPSC062050SC291
SC - ST Duplex	HOPSC062010ST291	HOPSC062020ST291	HOPSC062030ST291	HOPSC062050ST291
ST - ST Duplex	HOPST062010ST291	HOPST062020ST291	HOPST062030ST291	HOPST062050ST291

Manufactured to comply with: ISO/IEC 11801, EN50173 -1, ANSI/TIA-568-C

50/125 OM2 MULTIMODE OPTICAL PATCH CORDS

DESCRIPTION	1M	2M	3M	5M
FC - FC Duplex	HOPFC050010FC291	HOPFC050020FC291	HOPFC050030FC291	HOPFC050050FC291
LC - SC Duplex	HOPLC050010SC293	HOPLC050020SC293	HOPLC050030SC293	HOPLC050050SC293
LC - ST Duplex	HOPLC050010ST293	HOPLC050020ST293	HOPLC050030ST293	HOPLC050050ST293
[B] LC - LC Duplex	HOPLC050010LC293	HOPLC050020LC293	HOPLC050030LC293	HOPLC050050LC293
SC - SC Duplex	HOPSC050010SC291	HOPSC050020SC291	HOPSC050030SC291	HOPSC050050SC291
SC - ST Duplex	HOPSC050010ST291	HOPSC050020ST291	HOPSC050030ST291	HOPSC050050ST291
ST - ST Duplex	HOPST050010ST291	HOPST050020ST291	HOPST050030ST291	HOPST050050ST291

Manufactured to comply with: ISO/IEC 11801, EN50173 -1, ANSI/TIA-568-C

PRE-TERMINATED CABLE ASSEMBLIES | Patch Cords



MULTIMODE OPTICAL PATCH CORDS

- LC, SC, FC, and ST options available
- Low-Smoke Halogen Free
- 100% factory tested
- Individually packed and labelled

50/125 OM3 MULTIMODE OPTICAL PATCH CORDS (Aqua jacket)

DESCRIPTION	1M	2M	3M	5M
FC - FC Duplex	HOPFCOM3010FC251	HOPFCOM3020FC251	HOPFCOM3030FC251	HOPFCOM3050FC251
LC - SC Duplex	HOPLCOM3010SC253	HOPLCOM3020SC253	HOPLCOM3030SC253	HOPLCOM3050SC253
LC - ST Duplex	HOPLCOM3010ST253	HOPLCOM3020ST253	HOPLCOM3030ST253	HOPLCOM3050ST253
[A] LC - LC Duplex	HOPLCOM3010LC253	HOPLCOM3020LC253	HOPLCOM3030LC253	HOPLCOM3050LC253
SC - SC Duplex	HOPSCOM3010SC251	HOPSCOM3020SC251	HOPSCOM3030SC251	HOPSCOM3050SC251
SC - ST Duplex	HOPSCOM3010ST251	HOPSCOM3020ST251	HOPSCOM3030ST251	HOPSCOM3050ST251
[B] ST - ST Duplex	HOPSTOM3010ST251	HOPSTOM3020ST251	HOPSTOM3030ST251	HOPSTOM3050ST251

Manufactured to comply with: ISO/IEC 11801, EN50173 -1, ANSI/TIA-568-B

50/125 OM4 MULTIMODE OPTICAL PATCH CORDS (Heather violet jacket)

DESCRIPTION	1M	2M	3M	5M
FC - FC Duplex	HOPFCOM4010FC271	HOPFCOM4020FC271	HOPFCOM4030FC271	HOPFCOM4050FC271
LC - SC Duplex	HOPLCOM4010SC273	HOPLCOM4020SC273	HOPLCOM4030SC273	HOPLCOM4050SC273
LC - ST Duplex	HOPLCOM4010ST273	HOPLCOM4020ST273	HOPLCOM4030ST273	HOPLCOM4050ST273
[C] LC - LC Duplex	HOPLCOM4010LC273	HOPLCOM4020LC273	HOPLCOM4030LC273	HOPLCOM4050LC273
SC - SC Duplex	HOPSCOM4010SC271	HOPSCOM4020SC271	HOPSCOM4030SC271	HOPSCOM4050SC271
SC - ST Duplex	HOPSCOM4010ST271	HOPSCOM4020ST271	HOPSCOM4030ST271	HOPSCOM4050ST271
ST - ST Duplex	HOPSTOM4010ST271	HOPSTOM4020ST271	HOPSTOM4030ST271	HOPSTOM4050ST271

Manufactured to comply with: ISO/IEC 11801, EN50173 -1, ANSI/TIA-568-C

OM3 & OM4 BEND INSENSITIVE OPTICAL PATCH CORDS WITH UNIBOOT

DESCRIPTION	1M	2M	3M	4M	5M
LC-LC, Uniboot, OM3	BOPLCOM3010LC257	BOPLCOM3020LC257	BOPLCOM3030LC257	BOPLCOM3040LC257	BOPLCOM3050LC257
LC-LC, Uniboot, OM4	BOPLCOM4010LC277	BOPLCOM4020LC277	BOPLCOM4030LC277	BOPLCOM4040LC277	BOPLCOM4050LC277

PRE-TERMINATED CABLE ASSEMBLIES | Patch Cords



SINGLE-MODE OPTICAL PATCH CORDS

- LC, SC, FC, MT-RJ, and ST options available
- Low-Smoke Halogen Free
- 100% factory tested
- Individually packed and labelled

SINGLE-MODE OPTICAL PATCH CORDS (Yellow jacket)

DESCRIPTION	1M	2M	3M	5M
[A] FC - FC Duplex	HOPFC008010FC201	HOPFC008020FC201	HOPFC008030FC201	HOPFC008050FC201
LC - SC Duplex	HOPLC008010SC203	HOPLC008020SC203	HOPLC008030SC203	HOPLC008050SC203
LC - ST Duplex	HOPLC008010ST203	HOPLC008020ST203	HOPLC008030ST203	HOPLC008050ST203
LC - LC Duplex	HOPLC008010LC203	HOPLC008020LC203	HOPLC008030LC203	HOPLC008050LC203
SC - SC Duplex	HOPSC008010SC201	HOPSC008020SC201	HOPSC008030SC201	HOPSC008050SC201
SC - ST Duplex	HOPSC008010ST201	HOPSC008020ST201	HOPSC008030ST201	HOPSC008050ST201
ST - ST Duplex	HOPST008010ST201	HOPST008020ST201	HOPST008030ST201	HOPST008050ST201
SC/APC-SC/APC Duplex*	HOPAC008010AC201	HOPAC008020AC201	HOPAC008030AC201	HOPAC008050AC201
LC/APC-SC/APC Duplex	HOPAL008010AC203	HOPAL008020AC203	HOPAL008030AC203	HOPAL008050AC203
[B] LC/APC-LC/APC Duplex	HOPAL008010AL203	HOPAL008020AL203	HOPAL008030AL203	HOPAL008050AL203
SC/UPC-SC/UPC Duplex*	HOPUC008010UC201	HOPUC008020UC201	HOPUC008030UC201	HOPUC008050UC201
LC/UPC-SC/UPC Duplex	HOPUL008010UC203	HOPUL008020UC203	HOPUL008030UC203	HOPUL008050UC203
LC/UPC-LC/UPC Duplex	HOPUL008010UL203	HOPUL008020UL203	HOPUL008030UL203	HOPUL008050UL203

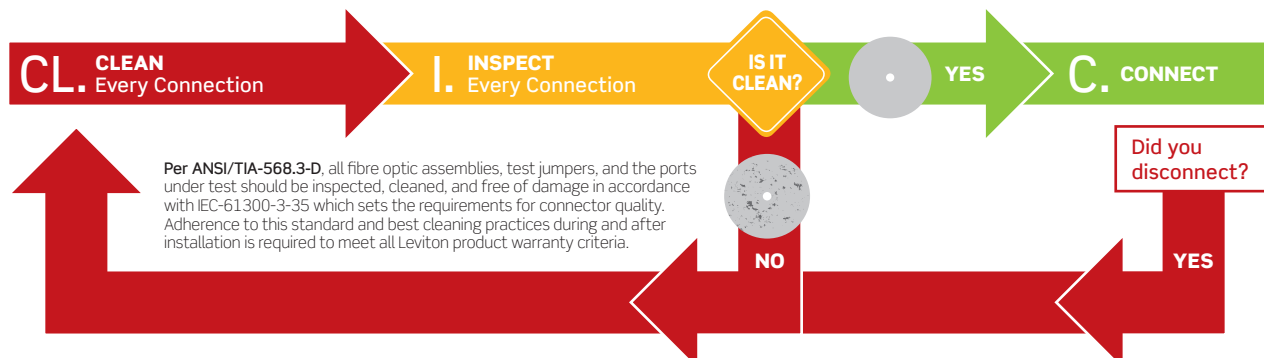
Manufactured to comply with: ISO/IEC 11801, EN50173 -1, ANSI/TIA-568-C
Single-mode O *= also available as 10 metre Optical Patch Cords

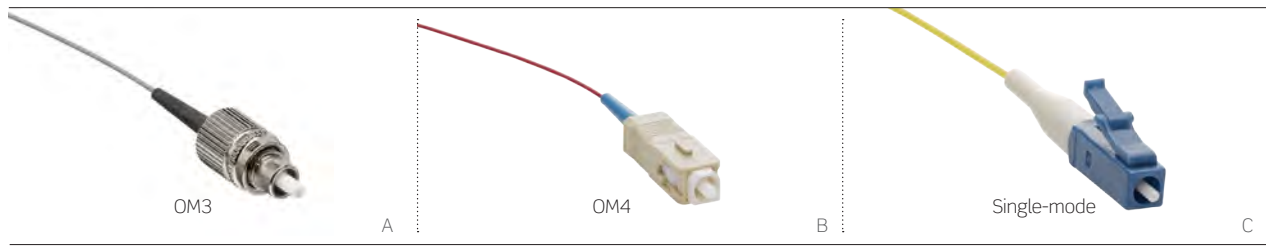
SINGLE-MODE BEND INSENSITIVE OPTICAL PATCH CORDS WITH UNIBOOT

DESCRIPTION	1M	2M	3M	4M	5M
LC-LC, Uniboot, SM	BOPLC108010LC207	BOPLC108020LC207	BOPLC108030LC207	BOPLC108040LC207	BOPLC108050LC207

SPOTLIGHT

Before you Connect – C.L.I.C.





SINGLE-MODE AND MULTIMODE OPTICAL PIGTAILS

- OM1, OM2, OM3, OM4, and single-mode
- LC, SC, FC, MT-RJ , and ST options available
- UPC or APC polish options
- Low-Smoke Halogen Free
- 900 µm tight-buffered cores

250 µm pigtails are also available. See page B32 for details.

SINGLE-MODE AND MULTIMODE OPTICAL PIGTAILS						
1 METRE	OM1	OM2	OM3	OM4	SINGLE-MODE	
FC - 1 m	HOTFC062001	HOTFC050001	[A] HOTFCOM3001	HOTFCOM4001	HOTFC008001	
SC - 1 m	HOTSC062001	HOTSC050001	HOTSCOM3001	[B] HOTSCOM4001	HOTSC008001	
ST - 1 m	HOTST062001	HOTST050001	HOTSTOM3001	HOTSTOM4001	HOTST008001	
LC - 1 m	HOTLC062001	HOTLC050001	HOTLCOM3001	HOTLCOM4001	[C]	HOTLC008001
SC/APC - 1 m	-	-	-	-	HOTAC008001	
LC/APC - 1 m	-	-	-	-	HOTAL008001	
SC/UPC - 1 m	-	-	-	-	HOTUC008001	
LC/UPC - 1 m	-	-	-	-	HOTUL008001	
2 METRE	OM1	OM2	OM3	OM4	SINGLE-MODE	
FC - 2 m	HOTFC062002	HOTFC050002	HOTFCOM3002	HOTFCOM4002	HOTFC008002	
SC - 2 m	HOTSC062002	HOTSC050002	HOTSCOM3002	HOTSCOM4002	HOTSC008002	
ST - 2 m	HOTST062002	HOTST050002	HOTSTOM3002	HOTSTOM4002	HOTST008002	
LC - 2 m	HOTLC062002	HOTLC050002	HOTLCOM3002	HOTLCOM4002	HOTLC008002	
MT-RJ - 2 m	HOTMJ062502	HOTMJ050502	HOTMJOM3502	HOTMJOM4502	-	
SC/APC - 2 m	-	-	-	-	HOTAC008002	
LC/APC - 2 m	-	-	-	-	HOTAL008002	
SC/UPC - 2 m	-	-	-	-	HOTUC008002	
LC/UPC - 2 m	-	-	-	-	HOTUL008002	
3 METRE	OM1	OM2	OM3	OM4	SINGLE-MODE	
FC - 3 m	HOTFC062003	HOTFC050003	HOTFCOM3003	HOTFCOM4003	HOTFC008003	
SC - 3 m	HOTSC062003	HOTSC050003	HOTSCOM3003	HOTSCOM4003	HOTSC008003	
ST - 3 m	HOTST062003	HOTST050003	HOTSTOM3003	HOTSTOM4003	HOTST008003	
LC - 3 m	HOTLC062003	HOTLC050003	HOTLCOM3003	HOTLCOM4003	HOTLC008003	
MT-RJ - 2 m	HOTMJ062503	HOTMJ050503	HOTMJOM3503	HOTMJOM4503	-	
SC/APC - 3 m	-	-	-	-	HOTAC008003	
LC/APC - 3 m	-	-	-	-	HOTAL008003	
SC/UPC - 3 m	-	-	-	-	HOTUC008003	
LC/UPC - 3 m	-	-	-	-	HOTUL008003	

Manufactured to comply with: ISO/IEC 11801, EN50173 -1, ANSI TIA/EIA 568.C

PRE-TERMINATED CABLE ASSEMBLIES | Patch Cords & Pigtails > Secure Patch Cords



Secure Keyed LC to Secure Keyed LC, 50/125 µm LOMM



Secure Single-mode Pigtail SC UPC Polish

SECURE KEYED LC PATCH CORDS & PIGTAILS

- Locking design prevents unauthorised and inadvertent moves, adds, and changes (MACs)
- Duplex LC connectors can only be removed with matching-colour extraction tool
- Duplex LC connector plugs into any industry-compliant LC adaptor or interface
- All connectors are heat cured and use ceramic ferrules for optimal performance



Please see page B76 for Secure LC Protection Plugs and Extraction Tools.

SECURE KEYED SC/APC PATCH CORDS

DESCRIPTION	PART NO.
LC Extraction Tool	ETRTN-*TL

* = Colours: (W) White, (Y) Yellow, (R) Red, (B) Black

Make-to-Order! SECURE KEYED LC FIBRE PATCH CORD & PIGTAIL OPTIONS

FIBRE TYPE	KEYED COLOUR	CABLE TYPE / POLARITY	TERMINATION	CABLE LENGTH (METRE)
<ul style="list-style-type: none"> • OM1 • OM2 • OM3 • OM4 (Aqua) • OS2 (UPC) • OS2 (APC) 	<ul style="list-style-type: none"> • White • Yellow • Orange • Red • Blue • Green • Slate • Black 	<ul style="list-style-type: none"> • Duplex LSZH A to B Polarity • Duplex LSZH A to A Polarity • 900 micron tight buffer cable 	<p>FIRST END</p> <ul style="list-style-type: none"> • Keyed Duplex LC (uniboot) <p>SECOND END</p> <ul style="list-style-type: none"> • Keyed Duplex LC (uniboot) • Duplex LC (uniboot) • Standard LC (duplex clips) <ul style="list-style-type: none"> • SC • ST • MU • MT-RJ • FC • Pigtail 	<ul style="list-style-type: none"> • 1-999

For assistance customising your patch cords and pigtails, please visit Leviton.com/configurator or call +44 (0) 1592 772124.



A

MTP HYBRID BREAKOUT ASSEMBLIES

- 12-fibre low-loss MTP to duplex LC
- Terminated to 2 mm simplex cables
- OM3, OM4, and single-mode options
- Low-Smoke Halogen Free
- Staggered lengths available
- Max insertion loss of 0.35dB for multimode and single-mode

[A] PART NUMBER BREAKDOWN				
MTP LOW-LOSS CONNECTOR	DUPLEX LOW LOSS CONNECTOR	CABLE PERFORMANCE	NO OF FIBRES ⁽¹⁾	OVERALL LENGTH (M) ⁽¹⁾
ST, or STM (with pins)	LC	OM3 OM4 Single-mode	12	ZZZ

(1) Breakout unit legs are a standard 1m long, (2) SMF terminations are angled polished

Example Part Number:

STMLCOM312025 = Pre-Terminated MTP-LC duplex breakout assembly (pinned), OM3 12-fibre, 2.5 metre overall length



B

MTP HYBRID BREAKOUT ASSEMBLIES WITH UNIBOOT

- 12-fibre low-loss MTP to duplex LC
- Terminated to 2 mm simplex cables
- OM3, OM4, and single-mode options
- Uniboot LC connectors
- Low Smoke Halogen Free
- Staggered lengths available
- Max insertion loss of 0.35dB for multimode and single-mode

[B] BREAKOUT CABLE ASSEMBLIES PART NUMBER BREAKDOWN				
MTP LOW-LOSS CONNECTOR ⁽²⁾	DUPLEX LOW LOSS CONNECTOR	CABLE PERFORMANCE	FIBRE COUNT	OVERALL LENGTH (M) ⁽¹⁾
HT or HTM (with pins)	LC	OM3 or OM4 or Single-mode	12	ZZZ

(1) breakout unit legs are a standard 1m long, (2) SMF terminations are angled polished

Example Part Number:

HTMLCOM412020 = Pre-Terminated MTP-LC uni-boot breakout assembly (pinned), OM4 12-fibre, 2 metre overall length



A

MTP® CABLE ASSEMBLIES

- 12-fibre low-loss MTP to MTP
- OM3 (Aqua), OM4 (Heather Violet), and Single-mode (Yellow) options
- Low-Smoke Halogen Free
- Standard lengths of 1, 2, 3, 5, 10, 20, 30, 50, and 100 metres; custom lengths available on request
- Delivered in coils in lengths up to 50 metres, and on reels over 50 metres
- Max insertion loss of 0.35dB for multimode and single-mode

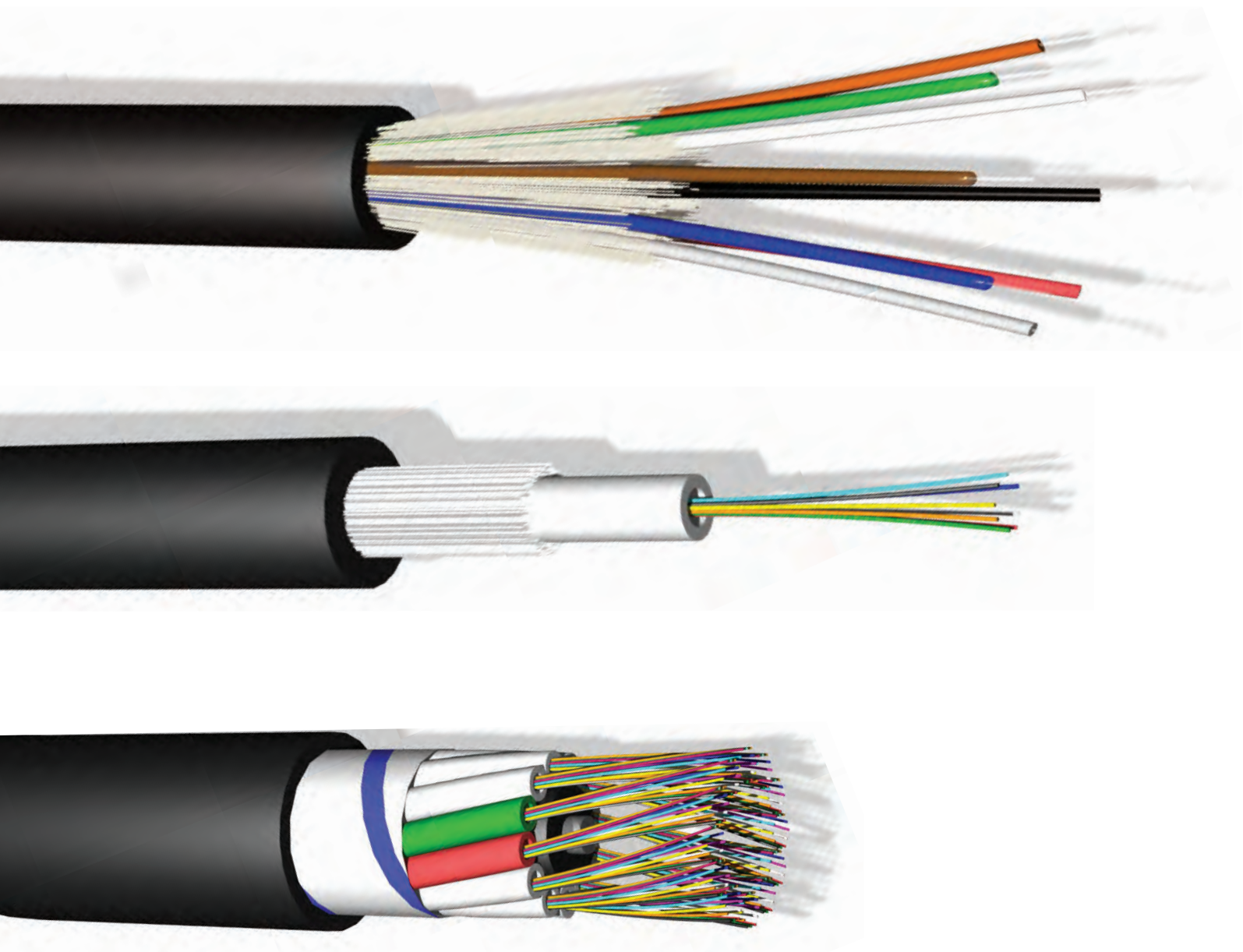
[A] PART NUMBER BREAKDOWN

MTP LOW-LOSS CONNECTOR	CABLE TYPE	CABLE ASSEMBLY POLARITY SCHEME	MTP® LOW LOSS CONNECTOR	CABLE PERFORMANCE	NO OF FIBRES	LENGTH (M)
ST, or STM (with pins)	Compact = C	A	T, or TM (with pins)	OM3, or	12	ZZZ
		B		OM4, or	24	
		C		10B* (Single-mode)	48	

* SMF terminations are angled polished.

Example Part Number:

STCBTOM4120050 = Pre-Terminated MTP-MTP assembly (unpinned), B polarity, OM4 12-fibre, 5 metre overall length



FEATURED PRODUCTS

Tight-Buffered
Premise
Distribution **B47**

Loose Tube **B49**

Special
Environment
B64

Optical Cables

Brand-Rex offers optical cable for a wide range of applications. This includes a full range of halogen-free flame-retardant low-smoke (HFFR-LS) tight-buffered and loose-tube cables.

CABLE SELECTION

When selecting the correct cable for any installation the first question will be fibre type. This is dependent upon the transmission distance and the protocol being adopted. With the choice of fibre type complete, there will be several key cable construction questions.

Fibre Count

How many fibres are required? This should take into account future demand and allow an element of redundancy. The cost of installation and associated down time will generally outweigh the cost of additional fibre on day one.

A high fibre-count cable carrying the majority of a company's data generates a larger risk than several lower fibre-count cables, should any cable damage occur. Diversity in routing should also be considered in answering this question.

Sheath Options

Universal Cables are designed for use both internally and externally. They have a halogen-free flame-retardant low-smoke (HFFR-LS) compound sheath that reduces the emission of toxic fumes and reduces the spread of fire.

Outdoor Cables are designed only for external use. They have a low-density polyethylene sheath that makes the cable lighter than the equivalent HFFR-LS version. This makes outdoor cables more suited for the longer pulled runs into which they are generally installed. Outdoor cables may enter buildings, but they typically must not pass more than 3 metres into the building, depending on local regulations.

CABLE OPTIONS

Premise Distribution Cables (PDC) are based on a 900 µm tight-buffered element and are generally installed in the backbone of a building network and direct terminated at a consolidation point.

Loose-Tube Cables provide for higher fibre counts than are commonly available in tight-buffered element based products such as PDC and breakout cables. They can generally be installed as building or campus links and are available in a variety of constructions offering different mechanical performance.

Our loose-tube cables are available in four standard variants:

1. Duct Grade
2. Rodent Resistant Glass Armoured
3. Direct Burial Grade - Single Sheath
4. Direct Burial Grade - Twin Sheath

} All 4 variants are available as either Unitube or Multi-loose-tube cable. Unitube products are available with up to 24-fibres and Multi Loose Tube products are available with up to 216-fibres as standard, although higher fibre counts are available on request.

PART NO. IDENTIFIER	062	050	OM3	OM4
IEC 60793-2-10 Category	A1b	A1a.1	A1a.2	A1a.3
ITU-T Recommendation	n/a	G.651.1	G.651.1	G.651.1
ISO / IEC 11801 Category	OM1	OM2	OM3	OM4
PART NO. IDENTIFIER	008	108	208	
IEC 60793-2-50 Category	B1.3	B6_a	B6_a	
ITU-T Recommendation	G.652D	G.657.A1	G.657.A2	
ISO / IEC 11801 Category	OS1/OS2	OS1/OS2	OS1/OS2	

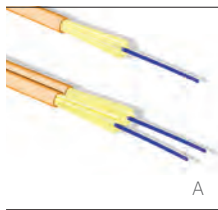


TIGHT-BUFFERED PREMISE DISTRIBUTION CABLES

- Ideal for LAN backbone and premises wiring
- Tight-buffered 900 µm construction
- Offered in OM1, OM2, OM3, OM4, and single-mode
- Available in fibre counts of 2, 4, 6, 8, 12, 16, and 24
- Leviton cable colours: OM2 = Orange, OM3 = Aqua, OM4 = Heather Violet
- Brand-Rex cable colour: black

[A] TIGHT-BUFFERED PREMISE DISTRIBUTION CABLES (Euroclass Eca)

DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
OM1, 2-fibre	—	GF062PDC02LU-Eca
OM1, 4-fibre	—	GF062PDC04LU-Eca
OM1, 6-fibre	—	GF062PDC06LU-Eca
OM1, 8-fibre	—	GF062PDC08LU-Eca
OM1, 12-fibre	—	GF062PDC12LU-Eca
OM1, 16-fibre	—	GF062PDC16LU-Eca
OM1, 24-fibre	—	GF062PDC24LU-Eca
OM2, 2-fibre	120-50DRZ-022	GF050PDC02LU-Eca
OM2, 4-fibre	121-50DRZ-042	GF050PDC04LU-Eca
OM2, 6-fibre	122-50DRZ-062	GF050PDC06LU-Eca
OM2, 8-fibre	123-50DRZ-082	GF050PDC08LU-Eca
OM2, 12-fibre	124-50DRZ-122	GF050PDC12LU-Eca
OM2, 16-fibre	125-50DRZ-162	GF050PDC16LU-Eca
OM2, 24-fibre	126-50DRZ-242	GF050PDC24LU-Eca
OM3, 2-fibre	120-5LDRZ-022	GFOM3PDC02LU-Eca
OM3, 4-fibre	121-5LDRZ-042	GFOM3PDC04LU-Eca
OM3, 6-fibre	122-5LDRZ-062	GFOM3PDC06LU-Eca
OM3, 8-fibre	123-5LDRZ-082	GFOM3PDC08LU-Eca
OM3, 12-fibre	124-5LDRZ-122	GFOM3PDC12LU-Eca
OM3, 16-fibre	125-5LDRZ-162	GFOM3PDC16LU-Eca
OM3, 24-fibre	126-5LDRZ-242	GFOM3PDC24LU-Eca
OM4, 2-fibre	120-55DRZ-022	GFOM4PDC02LU-Eca
OM4, 4-fibre	121-55DRZ-042	GFOM4PDC04LU-Eca
OM4, 6-fibre	122-55DRZ-062	GFOM4PDC06LU-Eca
OM4, 8-fibre	123-55DRZ-082	GFOM4PDC08LU-Eca
OM4, 12-fibre	124-55DRZ-122	GFOM4PDC12LU-Eca
OM4, 16-fibre	125-55DRZ-162	GFOM4PDC16LU-Eca
OM4, 24-fibre	126-55DRZ-242	GFOM4PDC24LU-Eca
Single-mode, 2-fibre	120-SMDRZ-022	GF008PDC02LU-Eca
Single-mode, 4-fibre	121-SMDRZ-042	GF008PDC04LU-Eca
Single-mode, 6-fibre	122-SMDRZ-062	GF008PDC06LU-Eca
Single-mode, 8-fibre	123-SMDRZ-082	GF008PDC08LU-Eca
Single-mode, 12-fibre	124-SMDRZ-122	GF008PDC12LU-Eca
Single-mode, 16-fibre	125-SMDRZ-162	GF008PDC16LU-Eca
Single-mode, 24-fibre	126-SMDRZ-242	GF008PDC24LU-Eca

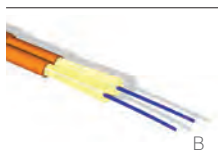


RUGGEDIZED FIBRE PATCH CABLES

- Used in the manufacture of patch cords.
- Designed for short-run indoor patching or where frequent handling is likely
- Colour coded for ease of identification during and post installation
- Comes in both single fibre (SFC) and duplex fibre (ZIP) constructions

[A] RUGGEDIZED FIBRE PATCH CABLES

DESCRIPTION	OM1	OM2	OM3	OM4	SINGLE-MODE
1-fibre	HF062SFC01L	HF050SFC01L	HFOM3SFC01L	HFOM4SFC01L	HF008SFC01L
2-fibre	HF062ZIP02L	HF050ZIP02L	HFOM3ZIP02L	HFOM4ZIP02L	HF008ZIP02L



RUGGEDIZED DUPLEX BREAKOUT CABLES

- Ruggedized duplex fibre cable is the building block for ruggedized pigtail and patch cords
- Robust construction designed for short-run indoor patching or where frequent handling is likely such as in equipment rooms, wiring closets, and at user outlets

[B] RUGGEDIZED DUPLEX BREAKOUT CABLES

DESCRIPTION	OM1	OM2	OM3	OM4	SINGLE-MODE
2-fibre	HF062DUP02L	HF050DUP02L	HFOM3DUP02L	HFOM4DUP02L	HF008DUP02L

LOOSE-TUBE CABLES

Loose-tube cables are available in unitube or multi-loose-tube constructions. Multi-loose-tube cables are available in variations up to 216 fibres. The three standard constructions are a general duct-grade cable; a glass yarn armoured cable, and a corrugated-steel-tape armoured direct-burial cable. There are two sheath options: Polyethylene for external applications, and Low-Smoke Halogen Free (LSHF) for universal or internal applications.

Loose-tube cables are designed for use in building or campus backbone applications and can be installed by blowing, winching, or pulling into existing sub ducts or cable conduits. External steel-tape armoured products can also be direct buried. Bespoke loose-tube cables to client specifications with additional features or modified mechanical performance are available on request subject to MOQ and lead-time.



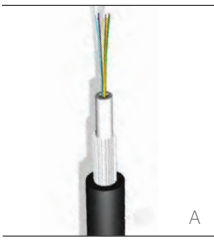
MINI UNITUBE CABLE

- For short-run backbone applications
- Lightweight, flexible, and compact
- Uses white sheath to be discrete in the home
- 2- and 4-fibre options constructed around a 1.9 mm gel-filled loose tube, layer of glass yarns, and a Low-Smoke Halogen-Free (LSHF) outer sheath

[C] MINI UNITUBE CABLES (Euroclass Eca)

DESCRIPTION	OM1	OM2	OM3	OM4	SINGLE-MODE
2-fibre	HF062UNI1902LU-Eca	HF050UNI1902LU-Eca	HFOM3UNI1902LU-Eca	HFOM4UNI1902LU-Eca	HF008UNI1902LU-Eca
4-fibre	HF062UNI1904LU-Eca	HF050UNI1904LU-Eca	HFOM3UNI1904LU-Eca	HFOM4UNI1904LU-Eca	HF008UNI1904LU-Eca

OPTICAL CABLES | Loose-Tube Cables



UNIVERSAL AND EXTERNAL UNITUBE CABLES

- Ideal for LAN backbones, telecom access line, campus networks, and FTTx drops
- Lightweight, compact design
- 4-12 fibre options constructed around a 2.90 mm gel-filled loose tube
- 16-24 fibre variants use a 4.00 mm loose tube
- Cable colour is Black

[A] UNIVERSAL DUCT-GRADE UNITUBE CABLES (Euroclass Eca)		
DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
OM1, 4-fibre	—	GF062UNI04LU-Eca
OM1, 6-fibre	—	GF062UNI06LU-Eca
OM1, 8-fibre	—	GF062UNI08LU-Eca
OM1, 12-fibre	—	GF062UNI12LU-Eca
OM1, 16-fibre (2 x bundles)	—	GF062UNI16LU-Eca
OM1, 24-fibre (2 x bundles)	—	GF062UNI24LU-Eca
OM2, 4-fibre	121-50LRZ-042	GF050UNI04LU-Eca
OM2, 6-fibre	122-50LRZ-062	GF050UNI06LU-Eca
OM2, 8-fibre	123-50LRZ-082	GF050UNI08LU-Eca
OM2, 12-fibre	124-50LRZ-122	GF050UNI12LU-Eca
OM2, 16-fibre (2 x bundles)	125-50LRZ-162	GF050UNI16LU-Eca
OM2, 24-fibre (2 x bundles)	126-50LRZ-242	GF050UNI24LU-Eca
OM3, 4-fibre	121-5LLRZ-042	GF0M3UNI04LU-Eca
OM3, 6-fibre	122-5LLRZ-062	GF0M3UNI06LU-Eca
OM3, 8-fibre	123-5LLRZ-082	GF0M3UNI08LU-Eca
OM3, 12-fibre	124-5LLRZ-122	GF0M3UNI12LU-Eca
OM3 16-fibre (2 x bundles)	125-5LLRZ-162	GF0M3UNI16LU-Eca
OM3, 24-fibre (2 x bundles)	126-5LLRZ-242	GF0M3UNI24LU-Eca
OM4, 4-fibre	121-55LRZ-042	GF0M4UNI04LU-Eca
OM4, 6-fibre	122-55LRZ-062	GF0M4UNI06LU-Eca
OM4, 8-fibre	123-55LRZ-082	GF0M4UNI08LU-Eca
OM4, 12-fibre	124-55LRZ-122	GF0M4UNI12LU-Eca
OM4, 16-fibre (2 x bundles)	125-55LRZ-162	GF0M4UNI16LU-Eca
OM4, 24-fibre (2 x bundles)	126-55LRZ-242	GF0M4UNI24LU-Eca
Single-mode, 4-fibre	121-SMLRZ-042	GF008UNI04LU-Eca
Single-mode, 6-fibre	122-SMLRZ-062	GF008UNI06LU-Eca
Single-mode, 8-fibre	123-SMLRZ-082	GF008UNI08LU-Eca
Single-mode, 12-fibre	124-SMLRZ-122	GF008UNI12LU-Eca
Single-mode, 16-fibre (2 x bundles)	125-SMLRZ-162	GF008UNI16LU-Eca
Single-mode, 24-fibre (2 x bundles)	126-SMLRZ-242	GF008UNI24LU-Eca

EXTERNAL DUCT-GRADE UNITUBE CABLES	
DESCRIPTION	BRAND-REX PART NO.
OM1, 4-fibre	GF062UNI04NM
OM1, 6-fibre	GF062UNI06NM
OM1, 8-fibre	GF062UNI08NM
OM1, 12-fibre	GF062UNI12NM
OM1, 16-fibre (2 x bundles)	GF062UNI16NM
OM1, 24-fibre (2 x bundles)	GF062UNI24NM
OM2, 4-fibre	GF050UNI04NM
OM2, 6-fibre	GF050UNI06NM
OM2, 8-fibre	GF050UNI08NM
OM2, 12-fibre	GF050UNI12NM
OM2, 16-fibre (2 x bundles)	GF050UNI16NM
OM2, 24-fibre (2 x bundles)	GF050UNI24NM
OM3, 4-fibre	GF0M3UNI04NM
OM3, 6-fibre	GF0M3UNI06NM
OM3, 8-fibre	GF0M3UNI08NM
OM3, 12-fibre	GF0M3UNI12NM
OM3 16-fibre (2 x bundles)	GF0M3UNI16NM
OM3, 24-fibre (2 x bundles)	GF0M3UNI24NM
OM4, 4-fibre	GF0M4UNI04NM
OM4, 6-fibre	GF0M4UNI06NM
OM4, 8-fibre	GF0M4UNI08NM
OM4, 12-fibre	GF0M4UNI12NM
OM4, 16-fibre (2 x bundles)	GF0M4UNI16NM
OM4, 24-fibre (2 x bundles)	GF0M4UNI24NM
Single-mode, 4-fibre	GF008UNI04NM
Single-mode, 6-fibre	GF008UNI06NM
Single-mode, 8-fibre	GF008UNI08NM
Single-mode, 12-fibre	GF008UNI12NM
Single-mode, 16-fibre (2 x bundles)	GF008UNI16NM
Single-mode, 24-fibre (2 x bundles)	GF008UNI24NM



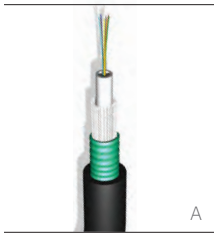
GLASS YARN ARMoured UNITUBE CABLE

- Glass-rovng armour deters rodents from chewing on cables
- 4-12 fibre options constructed around a 2.90mm gel-filled loose tube
- 16-24 fibre variants use a 4.00mm loose tube
- Cable colour is black

[A] UNIVERSAL GLASS YARN ARMoured UNITUBE CABLE (Euroclass Eca)		
DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
OM1, 4-fibre	--	GF062UNI04RRLU-Eca
OM1, 6-fibre	--	GF062UNI06RRLU-Eca
OM1, 8-fibre	--	GF062UNI08RRLU-Eca
OM1, 12-fibre	--	GF062UNI12RRLU-Eca
OM1, 16-fibre	--	GF062UNI16RRLU-Eca
OM1, 24-fibre	--	GF062UNI24RRLU-Eca
OM2, 4-fibre	121-500LZ-042	GF050UNI04RRLU-Eca
OM2, 6-fibre	122-500LZ-062	GF050UNI06RRLU-Eca
OM2, 8-fibre	123-500LZ-082	GF050UNI08RRLU-Eca
OM2, 12-fibre	124-500LZ-122	GF050UNI12RRLU-Eca
OM2, 16-fibre	125-500LZ-162	GF050UNI16RRLU-Eca
OM2, 24-fibre	126-500LZ-242	GF050UNI24RRLU-Eca
OM3, 4-fibre	121-5L0LZ-042	GF0M3UNI04RRLU-Eca
OM3, 6-fibre	122-5L0LZ-062	GF0M3UNI06RRLU-Eca
OM3, 8-fibre	123-5L0LZ-082	GF0M3UNI08RRLU-Eca
OM3, 12-fibre	124-5L0LZ-122	GF0M3UNI12RRLU-Eca
OM3, 16-fibre	125-5L0LZ-162	GF0M3UNI16RRLU-Eca
OM3, 24-fibre	126-5L0LZ-242	GF0M3UNI24RRLU-Eca
OM4, 4-fibre	121-550LZ-042	GF0M4UNI04RRLU-Eca
OM4, 6-fibre	122-550LZ-062	GF0M4UNI06RRLU-Eca
OM4, 8-fibre	123-550LZ-082	GF0M4UNI08RRLU-Eca
OM4, 12-fibre	124-550LZ-122	GF0M4UNI12RRLU-Eca
OM4, 16-fibre	125-550LZ-162	GF0M4UNI16RRLU-Eca
OM4, 24-fibre	126-550LZ-242	GF0M4UNI24RRLU-Eca
Single-mode, 4-fibre	121-SMOLZ-042	GF008UNI04RRLU-Eca
Single-mode, 6-fibre	122-SMOLZ-062	GF008UNI06RRLU-Eca
Single-mode, 8-fibre	123-SMOLZ-082	GF008UNI08RRLU-Eca
Single-mode, 12-fibre	124-SMOLZ-122	GF008UNI12RRLU-Eca
Single-mode, 16-fibre	125-SMOLZ-162	GF008UNI16RRLU-Eca
Single-mode, 24-fibre	126-SMOLZ-242	GF008UNI24RRLU-Eca

EXTERNAL GLASS YARN ARMoured UNITUBE CABLE	
DESCRIPTION	BRAND-REX PART NO.
OM1, 4-fibre	GF062UNI04RRNM
OM1, 6-fibre	GF062UNI06RRNM
OM1, 8-fibre	GF062UNI08RRNM
OM1, 12-fibre	GF062UNI12RRNM
OM1, 16-fibre	GF062UNI16RRNM
OM1, 24-fibre	GF062UNI24RRNM
OM2, 4-fibre	GF050UNI04RRNM
OM2, 6-fibre	GF050UNI06RRNM
OM2, 8-fibre	GF050UNI08RRNM
OM2, 12-fibre	GF050UNI12RRNM
OM2, 16-fibre	GF050UNI16RRNM
OM2, 24-fibre	GF050UNI24RRNM
OM3, 4-fibre	GF0M3UNI04RRNM
OM3, 6-fibre	GF0M3UNI06RRNM
OM3, 8-fibre	GF0M3UNI08RRNM
OM3, 12-fibre	GF0M3UNI12RRNM
OM3, 16-fibre	GF0M3UNI16RRNM
OM3, 24-fibre	GF0M3UNI24RRNM
OM4, 4-fibre	GF0M4UNI04RRNM
OM4, 6-fibre	GF0M4UNI06RRNM
OM4, 8-fibre	GF0M4UNI08RRNM
OM4, 12-fibre	GF0M4UNI12RRNM
OM4, 16-fibre	GF0M4UNI16RRNM
OM4, 24-fibre	GF0M4UNI24RRNM
Single-mode, 4-fibre	GF008UNI04RRNM
Single-mode, 6-fibre	GF008UNI06RRNM
Single-mode, 8-fibre	GF008UNI08RRNM
Single-mode, 12-fibre	GF008UNI12RRNM
Single-mode, 16-fibre	GF008UNI16RRNM
Single-mode, 24-fibre	GF008UNI24RRNM

OPTICAL CABLES | Loose-Tube Cables

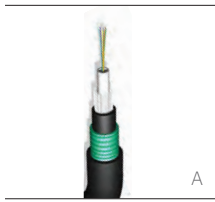


STEEL-TAPE ARMOURED UNITUBE CABLES

- For direct-burial campus backbone applications
- Compact with excellent tensile and crush performance
- Constructed around 4.00 mm gel-filled PBT loose-buffered tube
- Cable colour is black

[A] UNIVERSAL STEEL TAPE ARMOURED UNITUBE CABLES (Euroclass Eca)	
DESCRIPTION	BRAND-REX PART NO.
OM1, 4-fibre	GF062UNI04STALU-Eca
OM1, 6-fibre	GF062UNI06STALU-Eca
OM1, 8-fibre	GF062UNI08STALU-Eca
OM1, 12-fibre	GF062UNI12STALU-Eca
OM1, 16-fibre (2 x bundles)	GF062UNI16STALU-Eca
OM1, 24-fibre (2 x bundles)	GF062UNI24STALU-Eca
OM2, 4-fibre	GF050UNI04STALU-Eca
OM2, 6-fibre	GF050UNI06STALU-Eca
OM2, 8-fibre	GF050UNI08STALU-Eca
OM2, 12-fibre	GF050UNI12STALU-Eca
OM2, 16-fibre (2 x bundles)	GF050UNI16STALU-Eca
OM2, 24-fibre (2 x bundles)	GF050UNI24STALU-Eca
OM3, 4-fibre	GFOM3UNI04STALU-Eca
OM3, 6-fibre	GFOM3UNI06STALU-Eca
OM3, 8-fibre	GFOM3UNI08STALU-Eca
OM3, 12-fibre	GFOM3UNI12STALU-Eca
OM3, 16-fibre (2 x bundles)	GFOM3UNI16STALU-Eca
OM3, 24-fibre (2 x bundles)	GFOM3UNI24STALU-Eca
OM4, 4-fibre	GFOM4UNI04STALU-Eca
OM4, 6-fibre	GFOM4UNI06STALU-Eca
OM4, 8-fibre	GFOM4UNI08STALU-Eca
OM4, 12-fibre	GFOM4UNI12STALU-Eca
OM4, 16-fibre (2 x bundles)	GFOM4UNI16STALU-Eca
OM4, 24-fibre (2 x bundles)	GFOM4UNI24STALU-Eca
Single-mode, 4-fibre	GF008UNI04STALU-Eca
Single-mode, 6-fibre	GF008UNI06STALU-Eca
Single-mode, 8-fibre	GF008UNI08STALU-Eca
Single-mode, 12-fibre	GF008UNI12STALU-Eca
Single-mode, 16-fibre (2 x bundles)	GF008UNI16STALU-Eca
Single-mode, 24-fibre (2 x bundles)	GF008UNI24STALU-Eca

EXTERNAL STEEL-TAPE ARMOURED UNITUBE CABLES		
DESCRIPTION	LEVITON PART NO.	BRAND-REX PART NO.
OM1, 4-fibre	--	GF062UNI04STANM
OM1, 6-fibre	--	GF062UNI06STANM
OM1, 8-fibre	--	GF062UNI08STANM
OM1, 12-fibre	--	GF062UNI12STANM
OM1, 16-fibre (2 x bundles)	--	GF062UNI16STANM
OM1, 24-fibre (2 x bundles)	--	GF062UNI24STANM
OM2, 4-fibre	121-50LAZ-042	GF050UNI04STANM
OM2, 6-fibre	122-50LAZ-062	GF050UNI06STANM
OM2, 8-fibre	123-50LAZ-082	GF050UNI08STANM
OM2, 12-fibre	124-50LAZ-122	GF050UNI12STANM
OM2, 16-fibre (2 x bundles)	125-50LAZ-162	GF050UNI16STANM
OM2, 24-fibre (2 x bundles)	126-50LAZ-242	GF050UNI24STANM
OM3, 4-fibre	121-5LLAZ-042	GFOM3UNI04STANM
OM3, 6-fibre	122-5LLAZ-062	GFOM3UNI06STANM
OM3, 8-fibre	123-5LLAZ-082	GFOM3UNI08STANM
OM3, 12-fibre	124-5LLAZ-122	GFOM3UNI12STANM
OM3 16-fibre (2 x bundles)	125-5LLAZ-162	GFOM3UNI16STANM
OM3, 24-fibre (2 x bundles)	126-5LLAZ-242	GFOM3UNI24STANM
OM4, 4-fibre	121-55LAZ-042	GFOM4UNI04STANM
OM4, 6-fibre	122-55LAZ-062	GFOM4UNI06STANM
OM4, 8-fibre	123-55LAZ-082	GFOM4UNI08STANM
OM4, 12-fibre	124-55LAZ-122	GFOM4UNI12STANM
OM4, 16-fibre (2 x bundles)	125-55LAZ-162	GFOM4UNI16STANM
OM4, 24-fibre (2 x bundles)	126-55LAZ-242	GFOM4UNI24STANM
Single-mode, 4-fibre	121-SMLAZ-042	GF008UNI04STANM
Single-mode, 6-fibre	122-SMLAZ-062	GF008UNI06STANM
Single-mode, 8-fibre	123-SMLAZ-082	GF008UNI08STANM
Single-mode, 12-fibre	124-SMLAZ-122	GF008UNI12STANM
Single-mode, 16-fibre (2 x bundles)	125-SMLAZ-162	GF008UNI16STANM
Single-mode, 24-fibre (2 x bundles)	126-SMLAZ-242	GF008UNI24STANM

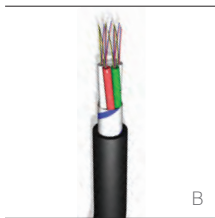


TWIN-SHEATH STEEL-TAPE ARMoured UNITUBE CABLES

- For direct-burial campus backbone applications
- Compact with excellent tensile and crush performance
- 4-12 fibre options constructed around a 2.90mm gel-filled loose tube
- 16-24 fibre variants use a 4.0 mm loose tube
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured UNITUBE CABLES (Euroclass Eca)

UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	GF062UNI04LSTALU-Eca	GF050UNI04LSTALU-Eca	GFOM3UNI04LSTALU-Eca	GFOM4UNI04LSTALU-Eca	GF008UNI04LSTALU-Eca
6-fibre	GF062UNI06LSTALU-Eca	GF050UNI06LSTALU-Eca	GFOM3UNI06LSTALU-Eca	GFOM4UNI06LSTALU-Eca	GF008UNI06LSTALU-Eca
8-fibre	GF062UNI08LSTALU-Eca	GF050UNI08LSTALU-Eca	GFOM3UNI08LSTALU-Eca	GFOM4UNI08LSTALU-Eca	GF008UNI08LSTALU-Eca
12-fibre	GF062UNI12LSTALU-Eca	GF050UNI12LSTALU-Eca	GFOM3UNI12LSTALU-Eca	GFOM4UNI12LSTALU-Eca	GF008UNI12LSTALU-Eca
16-fibre (2 x Bundles)	GF062UNI16LSTALU-Eca	GF050UNI16LSTALU-Eca	GFOM3UNI16LSTALU-Eca	GFOM4UNI16LSTALU-Eca	GF008UNI16LSTALU-Eca
24-fibre (2 x Bundles)	GF062UNI24LSTALU-Eca	GF050UNI24LSTALU-Eca	GFOM3UNI24LSTALU-Eca	GFOM4UNI24LSTALU-Eca	GF008UNI24LSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	GF062UNI04NMSTANM	GF050UNI04NMSTANM	GFOM3UNI04NMSTANM	GFOM4UNI04NMSTANM	GF008UNI04NMSTANM
6-fibre	GF062UNI06NMSTANM	GF050UNI06NMSTANM	GFOM3UNI06NMSTANM	GFOM4UNI06NMSTANM	GF008UNI06NMSTANM
8-fibre	GF062UNI08NMSTANM	GF050UNI08NMSTANM	GFOM3UNI08NMSTANM	GFOM4UNI08NMSTANM	GF008UNI08NMSTANM
12-fibre	GF062UNI12NMSTANM	GF050UNI12NMSTANM	GFOM3UNI12NMSTANM	GFOM4UNI12NMSTANM	GF008UNI12NMSTANM
16-fibre (2 x Bundles)	GF062UNI16NMSTANM	GF050UNI16NMSTANM	GFOM3UNI16NMSTANM	GFOM4UNI16NMSTANM	GF008UNI16NMSTANM
24-fibre (2 x Bundles)	GF062UNI24NMSTANM	GF050UNI24NMSTANM	GFOM3UNI24NMSTANM	GFOM4UNI24NMSTANM	GF008UNI24NMSTANM



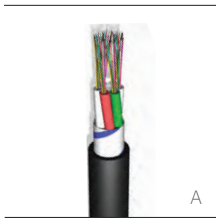
UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLE Up to 24 fibres

- For applications requiring a higher tensile load than unitube constructions
- Universal options offer compact low-fibre-count duct-grade cable
- Up to 6 x 2.1 mm diameter loose tubes containing up to 4 fibres and solid fillers where required
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI LOOSE-TUBE CABLES (Euroclass Eca)

UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WLU-Eca-4FT	HF050S4WLU-Eca-4FT	HFOM3S4WLU-Eca-4FT	HFOM4S4WLU-Eca-4FT	HF008S4WLU-Eca-4FT
8-fibre	HF062S8WLU-Eca-4FT	HF050S8WLU-Eca-4FT	HFOM3S8WLU-Eca-4FT	HFOM4S8WLU-Eca-4FT	HF008S8WLU-Eca-4FT
12-fibre	HF062S12WLU-Eca-4FT	HF050S12WLU-Eca-4FT	HFOM3S12WLU-Eca-4FT	HFOM4S12WLU-Eca-4FT	HF008S12WLU-Eca-4FT
16-fibre	HF062S16WLU-Eca-4FT	HF050S16WLU-Eca-4FT	HFOM3S16WLU-Eca-4FT	HFOM4S16WLU-Eca-4FT	HF008S16WLU-Eca-4FT
20-fibre	HF062S20WLU-Eca-4FT	HF050S20WLU-Eca-4FT	HFOM3S20WLU-Eca-4FT	HFOM4S20WLU-Eca-4FT	HF008S20WLU-Eca-4FT
24-fibre	HF062S24WLU-Eca-4FT	HF050S24WLU-Eca-4FT	HFOM3S24WLU-Eca-4FT	HFOM4S24WLU-Eca-4FT	HF008S24WLU-Eca-4FT
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WNM4FT	HF050S4WNM4FT	HFOM3S4WNM4FT	HFOM4S4WNM4FT	HF008S4WNM4FT
8-fibre	HF062S8WNM4FT	HF050S8WNM4FT	HFOM3S8WNM4FT	HFOM4S8WNM4FT	HF008S8WNM4FT
12-fibre	HF062S12WNM4FT	HF050S12WNM4FT	HFOM3S12WNM4FT	HFOM4S12WNM4FT	HF008S12WNM4FT
16-fibre	HF062S16WNM4FT	HF050S16WNM4FT	HFOM3S16WNM4FT	HFOM4S16WNM4FT	HF008S16WNM4FT
20-fibre	HF062S20WNM4FT	HF050S20WNM4FT	HFOM3S20WNM4FT	HFOM4S20WNM4FT	HF008S20WNM4FT
24-fibre	HF062S24WNM4FT	HF050S24WNM4FT	HFOM3S24WNM4FT	HFOM4S24WNM4FT	HF008S24WNM4FT

OPTICAL CABLES | Loose-Tube Cables

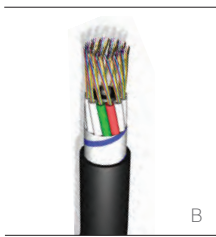


UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLE

72 fibres

- For building and campus backbone applications where higher fibre counts are required
- Up to 6 x 2.5 mm diameter loose tubes with up to 12 fibres and solid fillers
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
72-fibre	HF062S72WLU-Eca	HF050S72WLU-Eca	HFOM3S72WLU-Eca	HFOM4S72WLU-Eca	HF008S72WLU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
72-fibre	HF062S72WNM	HF050S72WNM	HFOM3S72WNM	HFOM4S72WNM	HF008S72WNM



UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLE

108-144 fibres

- For building and campus backbone applications where higher fibre counts are required
- Up to 144 fibres in a compact duct-grade construction
- Up to 12 x 2.5 mm diameter loose tubes with up to 12 fibres and solid fillers
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WLU-Eca	HF050S108WLU-Eca	HFOM3S108WLU-Eca	HFOM4S108WLU-Eca	HF008S108WLU-Eca
120-fibre	HF062S120WLU-Eca	HF050S120WLU-Eca	HFOM3S120WLU-Eca	HFOM4S120WLU-Eca	HF008S120WLU-Eca
132-fibre	HF062S132WLU-Eca	HF050S132WLU-Eca	HFOM3S132WLU-Eca	HFOM4S132WLU-Eca	HF008S132WLU-Eca
144-fibre	HF062S144WLU-Eca	HF050S144WLU-Eca	HFOM3S144WLU-Eca	HFOM4S144WLU-Eca	HF008S144WLU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WNM	HF050S108WNM	HFOM3S108WNM	HFOM4S108WNM	HF008S108WNM
120-fibre	HF062S120WNM	HF050S120WNM	HFOM3S120WNM	HFOM4S120WNM	HF008S120WNM
132-fibre	HF062S132WNM	HF050S132WNM	HFOM3S132WNM	HFOM4S132WNM	HF008S132WNM
144-fibre	HF062S144WNM	HF050S144WNM	HFOM3S144WNM	HFOM4S144WNM	HF008S144WNM



UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLE 84 and 96 fibres

- For building and campus backbone applications where higher fibre counts are required
- Up to 8 x 2.5 mm diameter loose tubes with up to 12 fibres and solid fillers
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
84-fibre	HF062S84WLU-Eca	HF050S84WLU-Eca	HFOM3S84WLU-Eca	HFOM4S84WLU-Eca	HF008S84WLU-Eca
96-fibre	HF062S96WLU-Eca	HF050S96WLU-Eca	HFOM3S96WLU-Eca	HFOM4S96WLU-Eca	HF008S96WLU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
84-fibre	HF062S84WNM	HF050S84WNM	HFOM3S84WNM	HFOM4S84WNM	HF008S84WNM
96-fibre	HF062S96WNM	HF050S96WNM	HFOM3S96WNM	HFOM4S96WNM	HF008S96WNM



UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLE 156-216 fibres

- For building and campus backbone applications where higher fibre counts are required
- Up to 216 fibres in a compact duct-grade construction
- Up to 18 x 2.5 mm diameter loose tubes with up to 12 fibres and solid fillers
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WLU-Eca	HF050S156WLU-Eca	HFOM3S156WLU-Eca	HFOM4S156WLU-Eca	HF008S156WLU-Eca
168-fibre	HF062S168WLU-Eca	HF050S168WLU-Eca	HFOM3S168WLU-Eca	HFOM4S168WLU-Eca	HF008S168WLU-Eca
180-fibre	HF062S180WLU-Eca	HF050S180WLU-Eca	HFOM3S180WLU-Eca	HFOM4S180WLU-Eca	HF008S180WLU-Eca
192-fibre	HF062S192WLU-Eca	HF050S192WLU-Eca	HFOM3S192WLU-Eca	HFOM4S192WLU-Eca	HF008S192WLU-Eca
204-fibre	HF062S204WLU-Eca	HF050S204WLU-Eca	HFOM3S204WLU-Eca	HFOM4S204WLU-Eca	HF008S204WLU-Eca
216-fibre	HF062S216WLU-Eca	HF050S216WLU-Eca	HFOM3S216WLU-Eca	HFOM4S216WLU-Eca	HF008S216WLU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WNM	HF050S156WNM	HFOM3S156WNM	HFOM4S156WNM	HF008S156WNM
168-fibre	HF062S168WNM	HF050S168WNM	HFOM3S168WNM	HFOM4S168WNM	HF008S168WNM
180-fibre	HF062S180WNM	HF050S180WNM	HFOM3S180WNM	HFOM4S180WNM	HF008S180WNM
192-fibre	HF062S192WNM	HF050S192WNM	HFOM3S192WNM	HFOM4S192WNM	HF008S192WNM
204-fibre	HF062S204WNM	HF050S204WNM	HFOM3S204WNM	HFOM4S204WNM	HF008S204WNM
216-fibre	HF062S216WNM	HF050S216WNM	HFOM3S216WNM	HFOM4S216WNM	HF008S216WNM



UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLE 12-60 fibres

- For building and campus backbone applications where higher fibre counts are required
- Up to 5 x 2.5 mm diameter loose tubes with up to 12 fibres and solid fillers
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL DUCT-GRADE MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	GF062S12WLU-Eca	GF050S12WLU-Eca	GFOM3S12WLU-Eca	GFOM4S12WLU-Eca	GF008S12WLU-Eca
24-fibre	GF062S24WLU-Eca	GF050S24WLU-Eca	GFOM3S24WLU-Eca	GFOM4S24WLU-Eca	GF008S24WLU-Eca
36-fibre	GF062S36WLU-Eca	GF050S36WLU-Eca	GFOM3S36WLU-Eca	GFOM4S36WLU-Eca	GF008S36WLU-Eca
48-fibre	GF062S48WLU-Eca	GF050S48WLU-Eca	GFOM3S48WLU-Eca	GFOM4S48WLU-Eca	GF008S48WLU-Eca
60-fibre	GF062S60WLU-Eca	GF050S60WLU-Eca	GFOM3S60WLU-Eca	GFOM4S60WLU-Eca	GF008S60WLU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	GF062S12WNM	GF050S12WNM	GFOM3S12WNM	GFOM4S12WNM	GF008S12WNM
24-fibre	GF062S24WNM	GF050S24WNM	GFOM3S24WNM	GFOM4S24WNM	GF008S24WNM
36-fibre	GF062S36WNM	GF050S36WNM	GFOM3S36WNM	GFOM4S36WNM	GF008S36WNM
48-fibre	GF062S48WNM	GF050S48WNM	GFOM3S48WNM	GFOM4S48WNM	GF008S48WNM
60-fibre	GF062S60WNM	GF050S60WNM	GFOM3S60WNM	GFOM4S60WNM	GF008S60WNM



UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLE - Up to 24 fibres

- For applications where rodent protection and high tensile load is required
- Glass-roving armour deters rodents from chewing on cables
- Up to 6 x 2.1 mm diameter loose tubes containing up to 4 fibres and solid fillers
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WRRLU-Eca-4FT	HF050S4WRRLU-Eca-4FT	HFOM3S4WRRLU-Eca-4FT	HFOM4S4WRRLU-Eca-4FT	HF008S4WRRLU-Eca-4FT
8-fibre	HF062S8WRRLU-Eca-4FT	HF050S8WRRLU-Eca-4FT	HFOM3S8WRRLU-Eca-4FT	HFOM4S8WRRLU-Eca-4FT	HF008S8WRRLU-Eca-4FT
12-fibre	HF062S12WRRLU-Eca-4FT	HF050S12WRRLU-Eca-4FT	HFOM3S12WRRLU-Eca-4FT	HFOM4S12WRRLU-Eca-4FT	HF008S12WRRLU-Eca-4FT
16-fibre	HF062S16WRRLU-Eca-4FT	HF050S16WRRLU-Eca-4FT	HFOM3S16WRRLU-Eca-4FT	HFOM4S16WRRLU-Eca-4FT	HF008S16WRRLU-Eca-4FT
24-fibre	HF062S24WRRLU-Eca-4FT	HF050S24WRRLU-Eca-4FT	HFOM3S24WRRLU-Eca-4FT	HFOM4S24WRRLU-Eca-4FT	HF008S24WRRLU-Eca-4FT
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WRRNM4FT	HF050S4WRRNM4FT	HFOM3S4WRRNM4FT	HFOM4S4WRRNM4FT	HF008S4WRRNM4FT
8-fibre	HF062S8WRRNM4FT	HF050S8WRRNM4FT	HFOM3S8WRRNM4FT	HFOM4S8WRRNM4FT	HF008S8WRRNM4FT
12-fibre	HF062S12WRRNM4FT	HF050S12WRRNM4FT	HFOM3S12WRRNM4FT	HFOM4S12WRRNM4FT	HF008S12WRRNM4FT
16-fibre	HF062S16WRRNM4FT	HF050S16WRRNM4FT	HFOM3S16WRRNM4FT	HFOM4S16WRRNM4FT	HF008S16WRRNM4FT
24-fibre	HF062S24WRRNM4FT	HF050S24WRRNM4FT	HFOM3S24WRRNM4FT	HFOM4S24WRRNM4FT	HF008S24WRRNM4FT



UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLE - 12-72 fibres

- For applications where rodent protection and high-tensile load are required
- Glass-roving armour deters rodents from chewing on cables
- Up to 6 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WRRU-Eca	HF050S12WRRU-Eca	HFOM3S12WRRU-Eca	HFOM4S12WRRU-Eca	HF008S12WRRU-Eca
24-fibre	HF062S24WRRU-Eca	HF050S24WRRU-Eca	HFOM3S24WRRU-Eca	HFOM4S24WRRU-Eca	HF008S24WRRU-Eca
36-fibre	HF062S36WRRU-Eca	HF050S36WRRU-Eca	HFOM3S36WRRU-Eca	HFOM4S36WRRU-Eca	HF008S36WRRU-Eca
48-fibre	HF062S48WRRU-Eca	HF050S48WRRU-Eca	HFOM3S48WRRU-Eca	HFOM4S48WRRU-Eca	HF008S48WRRU-Eca
60-fibre	HF062S60WRRU-Eca	HF050S60WRRU-Eca	HFOM3S60WRRU-Eca	HFOM4S60WRRU-Eca	HF008S60WRRU-Eca
72-fibre	HF062S72WRRU-Eca	HF050S72WRRU-Eca	HFOM3S72WRRU-Eca	HFOM4S72WRRU-Eca	HF008S72WRRU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WRRNM	HF050S12WRRNM	HFOM3S12WRRNM	HFOM4S12WRRNM	HF008S12WRRNM
24-fibre	HF062S24WRRNM	HF050S24WRRNM	HFOM3S24WRRNM	HFOM4S24WRRNM	HF008S24WRRNM
36-fibre	HF062S36WRRNM	HF050S36WRRNM	HFOM3S36WRRNM	HFOM4S36WRRNM	HF008S36WRRNM
48-fibre	HF062S48WRRNM	HF050S48WRRNM	HFOM3S48WRRNM	HFOM4S48WRRNM	HF008S48WRRNM
60-fibre	HF062S60WRRNM	HF050S60WRRNM	HFOM3S60WRRNM	HFOM4S60WRRNM	HF008S60WRRNM
72-fibre	HF062S72WRRNM	HF050S72WRRNM	HFOM3S72WRRNM	HFOM4S72WRRNM	HF008S72WRRNM



UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLE - 108-144 fibres

- For applications where rodent protection and high fibre counts are required
- Glass-roving armour deters rodents from chewing on cables
- Up to 12 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WRRU-Eca	HF050S108WRRU-Eca	HFOM3S108WRRU-Eca	HFOM4S108WRRU-Eca	HF008S108WRRU-Eca
120-fibre	HF062S120WRRU-Eca	HF050S120WRRU-Eca	HFOM3S120WRRU-Eca	HFOM4S120WRRU-Eca	HF008S120WRRU-Eca
132-fibre	HF062S132WRRU-Eca	HF050S132WRRU-Eca	HFOM3S132WRRU-Eca	HFOM4S132WRRU-Eca	HF008S132WRRU-Eca
144-fibre	HF062S144WRRU-Eca	HF050S144WRRU-Eca	HFOM3S144WRRU-Eca	HFOM4S144WRRU-Eca	HF008S144WRRU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WRRNM	HF050S108WRRNM	HFOM3S108WRRNM	HFOM4S108WRRNM	HF008S108WRRNM
120-fibre	HF062S120WRRNM	HF050S120WRRNM	HFOM3S120WRRNM	HFOM4S120WRRNM	HF008S120WRRNM
132-fibre	HF062S132WRRNM	HF050S132WRRNM	HFOM3S132WRRNM	HFOM4S132WRRNM	HF008S132WRRNM
144-fibre	HF062S144WRRNM	HF050S144WRRNM	HFOM3S144WRRNM	HFOM4S144WRRNM	HF008S144WRRNM

OPTICAL CABLES | Loose-Tube Cables

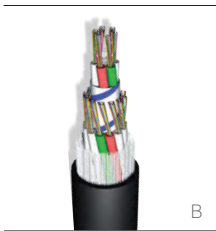


UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLE

84 and 96 fibres

- For applications where rodent protection and higher fibre counts are required
- Glass-roving armour deters rodents from chewing on cables
- Up to 8 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
84-fibre	HF062S84WRRU-Eca	HF050S84WRRU-Eca	HFOM3S84WRRU-Eca	HFOM4S84WRRU-Eca	HF008S84WRRU-Eca
96-fibre	HF062S96WRRU-Eca	HF050S96WRRU-Eca	HFOM3S96WRRU-Eca	HFOM4S96WRRU-Eca	HF008S96WRRU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
84-fibre	HF062S84WRRNM	HF050S84WRRNM	HFOM3S84WRRNM	HFOM4S84WRRNM	HF008S84WRRNM
96-fibre	HF062S96WRRNM	HF050S96WRRNM	HFOM3S96WRRNM	HFOM4S96WRRNM	HF008S96WRRNM

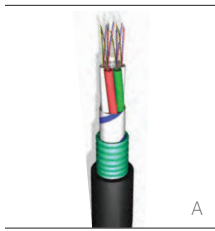


UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLE

156-216 fibres

- For applications where rodent protection and high fibre counts are required
- Glass-roving armour deters rodents from chewing on cables
- Up to 18 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL GLASS YARN ARMoured RODENT-RESISTANT MULTI-LOOSE-TUBE CABLES (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WRRU-Eca	HF050S156WRRU-Eca	HFOM3S156WRRU-Eca	HFOM4S156WRRU-Eca	HF008S156WRRU-Eca
168-fibre	HF062S168WRRU-Eca	HF050S168WRRU-Eca	HFOM3S168WRRU-Eca	HFOM4S168WRRU-Eca	HF008S168WRRU-Eca
180-fibre	HF062S180WRRU-Eca	HF050S180WRRU-Eca	HFOM3S180WRRU-Eca	HFOM4S180WRRU-Eca	HF008S180WRRU-Eca
192-fibre	HF062S192WRRU-Eca	HF050S192WRRU-Eca	HFOM3S192WRRU-Eca	HFOM4S192WRRU-Eca	HF008S192WRRU-Eca
204-fibre	HF062S204WRRU-Eca	HF050S204WRRU-Eca	HFOM3S204WRRU-Eca	HFOM4S204WRRU-Eca	HF008S204WRRU-Eca
216-fibre	HF062S216WRRU-Eca	HF050S216WRRU-Eca	HFOM3S216WRRU-Eca	HFOM4S216WRRU-Eca	HF008S216WRRU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WRRNM	HF050S156WRRNM	HFOM3S156WRRNM	HFOM4S156WRRNM	HF008S156WRRNM
168-fibre	HF062S168WRRNM	HF050S168WRRNM	HFOM3S168WRRNM	HFOM4S168WRRNM	HF008S168WRRNM
180-fibre	HF062S180WRRNM	HF050S180WRRNM	HFOM3S180WRRNM	HFOM4S180WRRNM	HF008S180WRRNM
192-fibre	HF062S192WRRNM	HF050S192WRRNM	HFOM3S192WRRNM	HFOM4S192WRRNM	HF008S192WRRNM
204-fibre	HF062S204WRRNM	HF050S204WRRNM	HFOM3S204WRRNM	HFOM4S204WRRNM	HF008S204WRRNM
216-fibre	HF062S216WRRNM	HF050S216WRRNM	HFOM3S216WRRNM	HFOM4S216WRRNM	HF008S216WRRNM

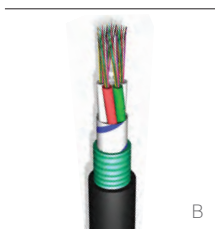


UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE - Up to 24 fibres

- For applications requiring a higher tensile load than unitube constructions
- Compact low-fibre-count options
- Up to 6 x 2.1 mm diameter loose tubes containing up to 4 fibres and solid fillers where required
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking, and layer of corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)

UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WSTALU-Eca-4FT	HF050S4WSTALU-Eca-4FT	HFOM3S4WSTALU-Eca-4FT	HFOM4S4WSTALU-Eca-4FT	HF008S4WSTALU-Eca-4FT
8-fibre	HF062S8WSTALU-Eca-4FT	HF050S8WSTALU-Eca-4FT	HFOM3S8WSTALU-Eca-4FT	HFOM4S8WSTALU-Eca-4FT	HF008S8WSTALU-Eca-4FT
12-fibre	HF062S12WSTALU-Eca-4FT	HF050S12WSTALU-Eca-4FT	HFOM3S12WSTALU-Eca-4FT	HFOM4S12WSTALU-Eca-4FT	HF008S12WSTALU-Eca-4FT
16-fibre	HF062S16WSTALU-Eca-4FT	HF050S16WSTALU-Eca-4FT	HFOM3S16WSTALU-Eca-4FT	HFOM4S16WSTALU-Eca-4FT	HF008S16WSTALU-Eca-4FT
24-fibre	HF062S24WSTALU-Eca-4FT	HF050S24WSTALU-Eca-4FT	HFOM3S24WSTALU-Eca-4FT	HFOM4S24WSTALU-Eca-4FT	HF008S24WSTALU-Eca-4FT
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WSTANM4FT	HF050S4WSTANM4FT	HFOM3S4WSTANM4FT	HFOM4S4WSTANM4FT	HF008S4WSTANM4FT
8-fibre	HF062S8WSTANM4FT	HF050S8WSTANM4FT	HFOM3S8WSTANM4FT	HFOM4S8WSTANM4FT	HF008S8WSTANM4FT
12-fibre	HF062S12WSTANM4FT	HF050S12WSTANM4FT	HFOM3S12WSTANM4FT	HFOM4S12WSTANM4FT	HF008S12WSTANM4FT
16-fibre	HF062S16WSTANM4FT	HF050S16WSTANM4FT	HFOM3S16WSTANM4FT	HFOM4S16WSTANM4FT	HF008S16WSTANM4FT
24-fibre	HF062S24WSTANM4FT	HF050S24WSTANM4FT	HFOM3S24WSTANM4FT	HFOM4S24WSTANM4FT	HF008S24WSTANM4FT

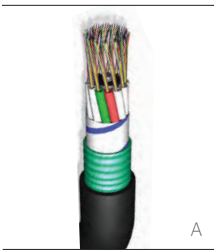


UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE - 12-72 fibres

- Single-sheathed cable offers up to 72 fibres in a compact, flexible construction
- Up to 6 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water-blocking, and layer of steel-tape armour provides additional crush resistance
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)

UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WSTALU-Eca	HF050S12WSTALU-Eca	HFOM3S12WSTALU-Eca	HFOM4S12WSTALU-Eca	HF008S12WSTALU-Eca
24-fibre	HF062S24WSTALU-Eca	HF050S24WSTALU-Eca	HFOM3S24WSTALU-Eca	HFOM4S24WSTALU-Eca	HF008S24WSTALU-Eca
36-fibre	HF062S36WSTALU-Eca	HF050S36WSTALU-Eca	HFOM3S36WSTALU-Eca	HFOM4S36WSTALU-Eca	HF008S36WSTALU-Eca
48-fibre	HF062S48WSTALU-Eca	HF050S48WSTALU-Eca	HFOM3S48WSTALU-Eca	HFOM4S48WSTALU-Eca	HF008S48WSTALU-Eca
60-fibre	HF062S60WSTALU-Eca	HF050S60WSTALU-Eca	HFOM3S60WSTALU-Eca	HFOM4S60WSTALU-Eca	HF008S60WSTALU-Eca
72-fibre	HF062S72WSTALU-Eca	HF050S72WSTALU-Eca	HFOM3S72WSTALU-Eca	HFOM4S72WSTALU-Eca	HF008S72WSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WSTANM	HF050S12WSTANM	HFOM3S12WSTANM	HFOM4S12WSTANM	HF008S12WSTANM
24-fibre	HF062S24WSTANM	HF050S24WSTANM	HFOM3S24WSTANM	HFOM4S24WSTANM	HF008S24WSTANM
36-fibre	HF062S36WSTANM	HF050S36WSTANM	HFOM3S36WSTANM	HFOM4S36WSTANM	HF008S36WSTANM
48-fibre	HF062S48WSTANM	HF050S48WSTANM	HFOM3S48WSTANM	HFOM4S48WSTANM	HF008S48WSTANM
60-fibre	HF062S60WSTANM	HF050S60WSTANM	HFOM3S60WSTANM	HFOM4S60WSTANM	HF008S60WSTANM
72-fibre	HF062S72WSTANM	HF050S72WSTANM	HFOM3S72WSTANM	HFOM4S72WSTANM	HF008S72WSTANM

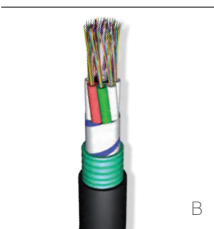


UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE

108-144 fibres

- Single-sheathed cable offers up to 144 fibres in a compact, flexible construction
- Up to 12 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking, and layer of corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WSTALU-Eca	HF050S108WSTALU-Eca	HFOM3S108WSTALU-Eca	HFOM4S108WSTALU-Eca	HF008S108WSTALU-Eca
120-fibre	HF062S120WSTALU-Eca	HF050S120WSTALU-Eca	HFOM3S120WSTALU-Eca	HFOM4S120WSTALU-Eca	HF008S120WSTALU-Eca
132-fibre	HF062S132WSTALU-Eca	HF050S132WSTALU-Eca	HFOM3S132WSTALU-Eca	HFOM4S132WSTALU-Eca	HF008S132WSTALU-Eca
144-fibre	HF062S144WSTALU-Eca	HF050S144WSTALU-Eca	HFOM3S144WSTALU-Eca	HFOM4S144WSTALU-Eca	HF008S144WSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WSTANM	HF050S108WSTANM	HFOM3S108WSTANM	HFOM4S108WSTANM	HF008S108WSTANM
120-fibre	HF062S120WSTANM	HF050S120WSTANM	HFOM3S120WSTANM	HFOM4S120WSTANM	HF008S120WSTANM
132-fibre	HF062S132WSTANM	HF050S132WSTANM	HFOM3S132WSTANM	HFOM4S132WSTANM	HF008S132WSTANM
144-fibre	HF062S144WSTANM	HF050S144WSTANM	HFOM3S144WSTANM	HFOM4S144WSTANM	HF008S144WSTANM

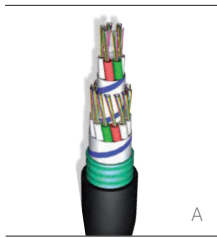


UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE

84 and 96 fibres

- Single-sheathed cable offers up to 96 fibres in a compact, flexible construction
- Up to 8 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking, and layer of steel-tape armour provides additional crush resistance
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
84-fibre	HF062S84WSTALU-Eca	HF050S84WSTALU-Eca	HFOM3S84WSTALU-Eca	HFOM4S84WSTALU-Eca	HF008S84WSTALU-Eca
96-fibre	HF062S96WSTALU-Eca	HF050S96WSTALU-Eca	HFOM3S96WSTALU-Eca	HFOM4S96WSTALU-Eca	HF008S96WSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
84-fibre	HF062S84WSTANM	HF050S84WSTANM	HFOM3S84WSTANM	HFOM4S84WSTANM	HF008S84WSTANM
96-fibre	HF062S96WSTANM	HF050S96WSTANM	HFOM3S96WSTANM	HFOM4S96WSTANM	HF008S96WSTANM



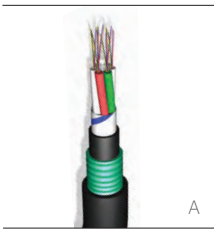
UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE

156-216 fibres

- Single-sheathed cable offers up to 216 fibres in a compact, flexible construction
- Up to 18 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking, and layer of corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL DIRECT-BURIAL STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)

UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WSTALU-Eca	HF050S156WSTALU-Eca	HFOM3S156WSTALU-Eca	HFOM4S156WSTALU-Eca	HF008S156WSTALU-Eca
168-fibre	HF062S168WSTALU-Eca	HF050S168WSTALU-Eca	HFOM3S168WSTALU-Eca	HFOM4S168WSTALU-Eca	HF008S168WSTALU-Eca
180-fibre	HF062S180WSTALU-Eca	HF050S180WSTALU-Eca	HFOM3S180WSTALU-Eca	HFOM4S180WSTALU-Eca	HF008S180WSTALU-Eca
192-fibre	HF062S192WSTALU-Eca	HF050S192WSTALU-Eca	HFOM3S192WSTALU-Eca	HFOM4S192WSTALU-Eca	HF008S192WSTALU-Eca
204-fibre	HF062S204WSTALU-Eca	HF050S204WSTALU-Eca	HFOM3S204WSTALU-Eca	HFOM4S204WSTALU-Eca	HF008S204WSTALU-Eca
216-fibre	HF062S216WSTALU-Eca	HF050S216WSTALU-Eca	HFOM3S216WSTALU-Eca	HFOM4S216WSTALU-Eca	HF008S216WSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WSTANM	HF050S156WSTANM	HFOM3S156WSTANM	HFOM4S156WSTANM	HF008S156WSTANM
168-fibre	HF062S168WSTANM	HF050S168WSTANM	HFOM3S168WSTANM	HFOM4S168WSTANM	HF008S168WSTANM
180-fibre	HF062S180WSTANM	HF050S180WSTANM	HFOM3S180WSTANM	HFOM4S180WSTANM	HF008S180WSTANM
192-fibre	HF062S192WSTANM	HF050S192WSTANM	HFOM3S192WSTANM	HFOM4S192WSTANM	HF008S192WSTANM
204-fibre	HF062S204WSTANM	HF050S204WSTANM	HFOM3S204WSTANM	HFOM4S204WSTANM	HF008S204WSTANM
216-fibre	HF062S216WSTANM	HF050S216WSTANM	HFOM3S216WSTANM	HFOM4S216WSTANM	HF008S216WSTANM

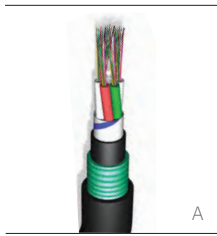


UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE

Up to 24 fibres

- Compact low-fibre count direct-burial-grade cable for applications required a higher tensile load
- Up to 6 x 2.1 mm diameter loose tubes containing up to 4 fibres and solid fillers where required
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking, and LSHF or PE inner sheath and corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WLSTALU-Eca-4FT	HF050S4WLSTALU-Eca-4FT	HFOM3S4WLSTALU-Eca-4FT	HFOM4S4WLSTALU-Eca-4FT	HF008S4WLSTALU-Eca-4FT
8-fibre	HF062S8WLSTALU-Eca-4FT	HF050S8WLSTALU-Eca-4FT	HFOM3S8WLSTALU-Eca-4FT	HFOM4S8WLSTALU-Eca-4FT	HF008S8WLSTALU-Eca-4FT
12-fibre	HF062S12WLSTALU-Eca-4FT	HF050S12WLSTALU-Eca-4FT	HFOM3S12WLSTALU-Eca-4FT	HFOM4S12WLSTALU-Eca-4FT	HF008S12WLSTALU-Eca-4FT
16-fibre	HF062S16WLSTALU-Eca-4FT	HF050S16WLSTALU-Eca-4FT	HFOM3S16WLSTALU-Eca-4FT	HFOM4S16WLSTALU-Eca-4FT	HF008S16WLSTALU-Eca-4FT
20-fibre	HF062S20WLSTALU-Eca-4FT	HF050S20WLSTALU-Eca-4FT	HFOM3S20WLSTALU-Eca-4FT	HFOM4S20WLSTALU-Eca-4FT	HF008S20WLSTALU-Eca-4FT
24-fibre	HF062S24WLSTALU-Eca-4FT	HF050S24WLSTALU-Eca-4FT	HFOM3S24WLSTALU-Eca-4FT	HFOM4S24WLSTALU-Eca-4FT	HF008S24WLSTALU-Eca-4FT
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	HF062S4WNMSTANM4FT	HF050S4WNMSTANM4FT	HFOM3S4WNMSTANM4FT	HFOM4S4WNMSTANM4FT	HF008S4WNMSTANM4FT
8-fibre	HF062S8WNMSTANM4FT	HF050S8WNMSTANM4FT	HFOM3S8WNMSTANM4FT	HFOM4S8WNMSTANM4FT	HF008S8WNMSTANM4FT
12-fibre	HF062S12WNMSTANM4FT	HF050S12WNMSTANM4FT	HFOM3S12WNMSTANM4FT	HFOM4S12WNMSTANM4FT	HF008S12WNMSTANM4FT
16-fibre	HF062S16WNMSTANM4FT	HF050S16WNMSTANM4FT	HFOM3S16WNMSTANM4FT	HFOM4S16WNMSTANM4FT	HF008S16WNMSTANM4FT
20-fibre	HF062S20WNMSTANM4FT	HF050S20WNMSTANM4FT	HFOM3S20WNMSTANM4FT	HFOM4S20WNMSTANM4FT	HF008S20WNMSTANM4FT
24-fibre	HF062S24WNMSTANM4FT	HF050S24WNMSTANM4FT	HFOM3S24WNMSTANM4FT	HFOM4S24WNMSTANM4FT	HF008S24WNMSTANM4FT

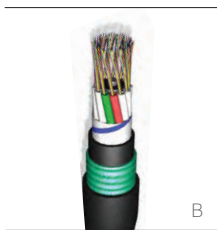


UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE - 12-72 fibres

- Compact direct-burial-grade cable offers up to 72 fibres
- Up to 6 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking and corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

[A] UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)

UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WLSTALU-Eca	HF050S12WLSTALU-Eca	HFOM3S12WLSTALU-Eca	HFOM4S12WLSTALU-Eca	HF008S12WLSTALU-Eca
24-fibre	HF062S24WLSTALU-Eca	HF050S24WLSTALU-Eca	HFOM3S24WLSTALU-Eca	HFOM4S24WLSTALU-Eca	HF008S24WLSTALU-Eca
36-fibre	HF062S36WLSTALU-Eca	HF050S36WLSTALU-Eca	HFOM3S36WLSTALU-Eca	HFOM4S36WLSTALU-Eca	HF008S36WLSTALU-Eca
48-fibre	HF062S48WLSTALU-Eca	HF050S48WLSTALU-Eca	HFOM3S48WLSTALU-Eca	HFOM4S48WLSTALU-Eca	HF008S48WLSTALU-Eca
60-fibre	HF062S60WLSTALU-Eca	HF050S60WLSTALU-Eca	HFOM3S60WLSTALU-Eca	HFOM4S60WLSTALU-Eca	HF008S60WLSTALU-Eca
72-fibre	HF062S72WLSTALU-Eca	HF050S72WLSTALU-Eca	HFOM3S72WLSTALU-Eca	HFOM4S72WLSTALU-Eca	HF008S72WLSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WNMSTANM	HF050S12WNMSTANM	HFOM3S12WNMSTANM	HFOM4S12WNMSTANM	HF008S12WNMSTANM
24-fibre	HF062S24WNMSTANM	HF050S24WNMSTANM	HFOM3S24WNMSTANM	HFOM4S24WNMSTANM	HF008S24WNMSTANM
36-fibre	HF062S36WNMSTANM	HF050S36WNMSTANM	HFOM3S36WNMSTANM	HFOM4S36WNMSTANM	HF008S36WNMSTANM
48-fibre	HF062S48WNMSTANM	HF050S48WNMSTANM	HFOM3S48WNMSTANM	HFOM4S48WNMSTANM	HF008S48WNMSTANM
60-fibre	HF062S60WNMSTANM	HF050S60WNMSTANM	HFOM3S60WNMSTANM	HFOM4S60WNMSTANM	HF008S60WNMSTANM
72-fibre	HF062S72WNMSTANM	HF050S72WNMSTANM	HFOM3S72WNMSTANM	HFOM4S72WNMSTANM	HF008S72WNMSTANM



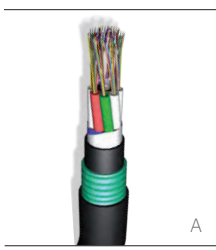
UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE - 108-144 fibres

- Compact direct-burial-grade cable offers up to 144 fibres
- Up to 12 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking and corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)

UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WLSTALU-Eca	HF050S108WLSTALU-Eca	HFOM3S108WLSTALU-Eca	HFOM4S108WLSTALU-Eca	HF008S108WLSTALU-Eca
120-fibre	HF062S120WLSTALU-Eca	HF050S120WLSTALU-Eca	HFOM3S120WLSTALU-Eca	HFOM4S120WLSTALU-Eca	HF008S120WLSTALU-Eca
132-fibre	HF062S132WLSTALU-Eca	HF050S132WLSTALU-Eca	HFOM3S132WLSTALU-Eca	HFOM4S132WLSTALU-Eca	HF008S132WLSTALU-Eca
144-fibre	HF062S144WLSTALU-Eca	HF050S144WLSTALU-Eca	HFOM3S144WLSTALU-Eca	HFOM4S144WLSTALU-Eca	HF008S144WLSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
108-fibre	HF062S108WNMSTANM	HF050S108WNMSTANM	HFOM3S108WNMSTANM	HFOM4S108WNMSTANM	HF008S108WNMSTANM
120-fibre	HF062S120WNMSTANM	HF050S120WNMSTANM	HFOM3S120WNMSTANM	HFOM4S120WNMSTANM	HF008S120WNMSTANM
132-fibre	HF062S132WNMSTANM	HF050S132WNMSTANM	HFOM3S132WNMSTANM	HFOM4S132WNMSTANM	HF008S132WNMSTANM
144-fibre	HF062S144WNMSTANM	HF050S144WNMSTANM	HFOM3S144WNMSTANM	HFOM4S144WNMSTANM	HF008S144WNMSTANM

OPTICAL CABLES | Loose-Tube Cables



UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE - 12-72 fibres

- Compact direct-burial-grade cable offers up to 96 fibres
- Up to 8 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking and corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

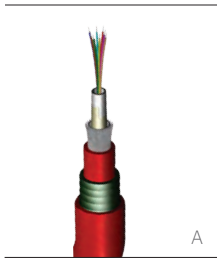
[A] UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WLSTALU-Eca	HF050S12WLSTALU-Eca	HFOM3S12WLSTALU-Eca	HFOM4S12WLSTALU-Eca	HF008S12WLSTALU-Eca
24-fibre	HF062S24WLSTALU-Eca	HF050S24WLSTALU-Eca	HFOM3S24WLSTALU-Eca	HFOM4S24WLSTALU-Eca	HF008S24WLSTALU-Eca
36-fibre	HF062S36WLSTALU-Eca	HF050S36WLSTALU-Eca	HFOM3S36WLSTALU-Eca	HFOM4S36WLSTALU-Eca	HF008S36WLSTALU-Eca
48-fibre	HF062S48WLSTALU-Eca	HF050S48WLSTALU-Eca	HFOM3S48WLSTALU-Eca	HFOM4S48WLSTALU-Eca	HF008S48WLSTALU-Eca
60-fibre	HF062S60WLSTALU-Eca	HF050S60WLSTALU-Eca	HFOM3S60WLSTALU-Eca	HFOM4S60WLSTALU-Eca	HF008S60WLSTALU-Eca
72-fibre	HF062S72WLSTALU-Eca	HF050S72WLSTALU-Eca	HFOM3S72WLSTALU-Eca	HFOM4S72WLSTALU-Eca	HF008S72WLSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062S12WNMSTANM	HF050S12WNMSTANM	HFOM3S12WNMSTANM	HFOM4S12WNMSTANM	HF008S12WNMSTANM
24-fibre	HF062S24WNMSTANM	HF050S24WNMSTANM	HFOM3S24WNMSTANM	HFOM4S24WNMSTANM	HF008S24WNMSTANM
36-fibre	HF062S36WNMSTANM	HF050S36WNMSTANM	HFOM3S36WNMSTANM	HFOM4S36WNMSTANM	HF008S36WNMSTANM
48-fibre	HF062S48WNMSTANM	HF050S48WNMSTANM	HFOM3S48WNMSTANM	HFOM4S48WNMSTANM	HF008S48WNMSTANM
60-fibre	HF062S60WNMSTANM	HF050S60WNMSTANM	HFOM3S60WNMSTANM	HFOM4S60WNMSTANM	HF008S60WNMSTANM
72-fibre	HF062S72WNMSTANM	HF050S72WNMSTANM	HFOM3S72WNMSTANM	HFOM4S72WNMSTANM	HF008S72WNMSTANM



UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE - 156-216 fibres

- Compact direct-burial-grade cable offers up to 216 fibres
- Up to 18 x 2.5 mm diameter loose tubes containing up to 12 fibres and solid fillers where required
- Stranded around a sheathed-rigid glass non-metallic central-strength member
- Layer of water-blocking tape provides interstitial water blocking and corrugated steel-tape armour provides additional crush resistance
- Cable colour is black

[B] UNIVERSAL AND EXTERNAL TWIN-SHEATH STEEL-TAPE ARMoured MULTI-LOOSE-TUBE CABLE (Euroclass Eca)					
UNIVERSAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WLSTALU-Eca	HF050S156WLSTALU-Eca	HFOM3S156WLSTALU-Eca	HFOM4S156WLSTALU-Eca	HF008S156WLSTALU-Eca
168-fibre	HF062S168WLSTALU-Eca	HF050S168WLSTALU-Eca	HFOM3S168WLSTALU-Eca	HFOM4S168WLSTALU-Eca	HF008S168WLSTALU-Eca
180-fibre	HF062S180WLSTALU-Eca	HF050S180WLSTALU-Eca	HFOM3S180WLSTALU-Eca	HFOM4S180WLSTALU-Eca	HF008S180WLSTALU-Eca
192-fibre	HF062S192WLSTALU-Eca	HF050S192WLSTALU-Eca	HFOM3S192WLSTALU-Eca	HFOM4S192WLSTALU-Eca	HF008S192WLSTALU-Eca
204-fibre	HF062S204WLSTALU-Eca	HF050S204WLSTALU-Eca	HFOM3S204WLSTALU-Eca	HFOM4S204WLSTALU-Eca	HF008S204WLSTALU-Eca
216-fibre	HF062S216WLSTALU-Eca	HF050S216WLSTALU-Eca	HFOM3S216WLSTALU-Eca	HFOM4S216WLSTALU-Eca	HF008S216WLSTALU-Eca
EXTERNAL	OM1	OM2	OM3	OM4	SINGLE-MODE
156-fibre	HF062S156WNMSTANM	HF050S156WNMSTANM	HFOM3S156WNMSTANM	HFOM4S156WNMSTANM	HF008S156WNMSTANM
168-fibre	HF062S168WNMSTANM	HF050S168WNMSTANM	HFOM3S168WNMSTANM	HFOM4S168WNMSTANM	HF008S168WNMSTANM
180-fibre	HF062S180WNMSTANM	HF050S180WNMSTANM	HFOM3S180WNMSTANM	HFOM4S180WNMSTANM	HF008S180WNMSTANM
192-fibre	HF062S192WNMSTANM	HF050S192WNMSTANM	HFOM3S192WNMSTANM	HFOM4S192WNMSTANM	HF008S192WNMSTANM
204-fibre	HF062S204WNMSTANM	HF050S204WNMSTANM	HFOM3S204WNMSTANM	HFOM4S204WNMSTANM	HF008S204WNMSTANM
216-fibre	HF062S216WNMSTANM	HF050S216WNMSTANM	HFOM3S216WNMSTANM	HFOM4S216WNMSTANM	HF008S216WNMSTANM



UNIVERSAL UNITUBE FIRE-SURVIVAL CABLE

4-24 fibres

- For areas where critical data transmission must continue when the building or structure in which it is installed is on fire
- Ideal for large public buildings such as data centres, airports, railway stations, stadia, and onshore/offshore industrial structures
- Complies with fire ratings: IEC 60331-25 (90 mins @ 750 °C), BS EN 502 00 200, BS 8434-2, IEC 60322-3-24, IEC 60332-1-2

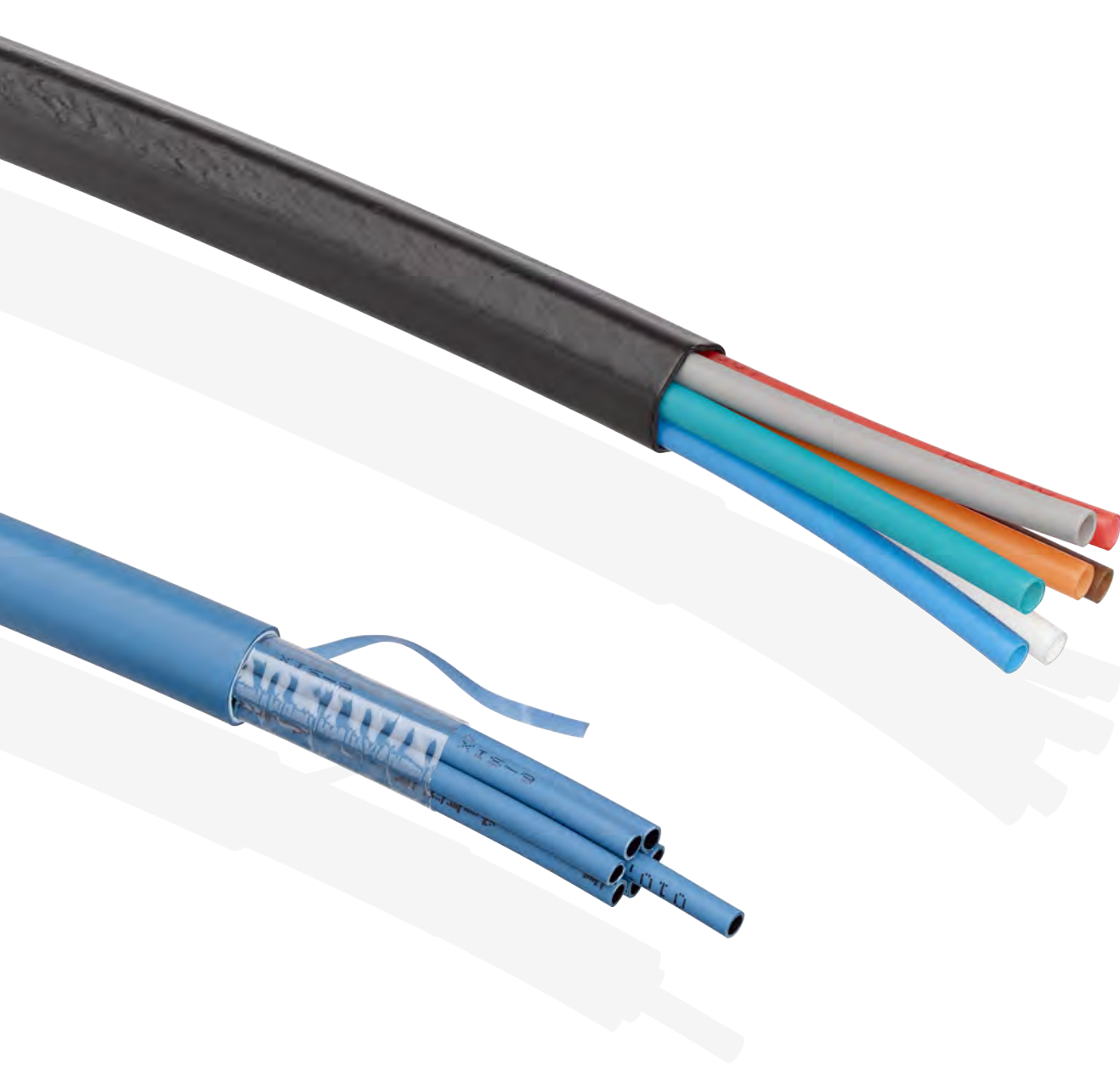
[A] UNIVERSAL UNITUBE FIRE SURVIVAL CABLES (Euroclass Eca)

DESCRIPTION	OM1	OM2	OM3	OM4	SINGLE-MODE
4-fibre	EF062UNI4LSTALUFS-Eca	EF050UNI4LSTALUFS-Eca	EFOM3UNI4LSTALUFS-Eca	EFOM4UNI4LSTALUFS-Eca	EF008UNI4LSTALUFS-Eca
8-fibre	EF062UNI8LSTALUFS-Eca	EF050UNI8LSTALUFS-Eca	EFOM3UNI8LSTALUFS-Eca	EFOM4UNI8LSTALUFS-Eca	EF008UNI8LSTALUFS-Eca
12-fibre	EF062UNI12LSTALUFS-Eca	EF050UNI12LSTALUFS-Eca	EFOM3UNI12LSTALUFS-Eca	EFOM4UNI12LSTALUFS-Eca	EF008UNI12LSTALUFS-Eca
16-fibre	EF062UNI16LSTALUFS-Eca	EF050UNI16LSTALUFS-Eca	EFOM3UNI16LSTALUFS-Eca	EFOM4UNI16LSTALUFS-Eca	EF008UNI16LSTALUFS-Eca
24 -fibre	EF062UNI24LSTALUFS-Eca	EF050UNI24LSTALUFS-Eca	EFOM3UNI24LSTALUFS-Eca	EFOM4UNI24LSTALUFS-Eca	EF008UNI24LSTALUFS-Eca

Acid Gas Emissions: Pass

Smoke Index: Pass

Fire: IEC 60331-25 Pass (90 mins @ 750°C), BSEN50200 -2000 Pass PH1.20, BS 8434-2 Pass, IEC 60332-3-24 Pass, IEC 60332-1-2 Pass



FEATURED PRODUCTS

Blolite **B67**

MicroBlo **B69**

Connectivity & Tools **B72**

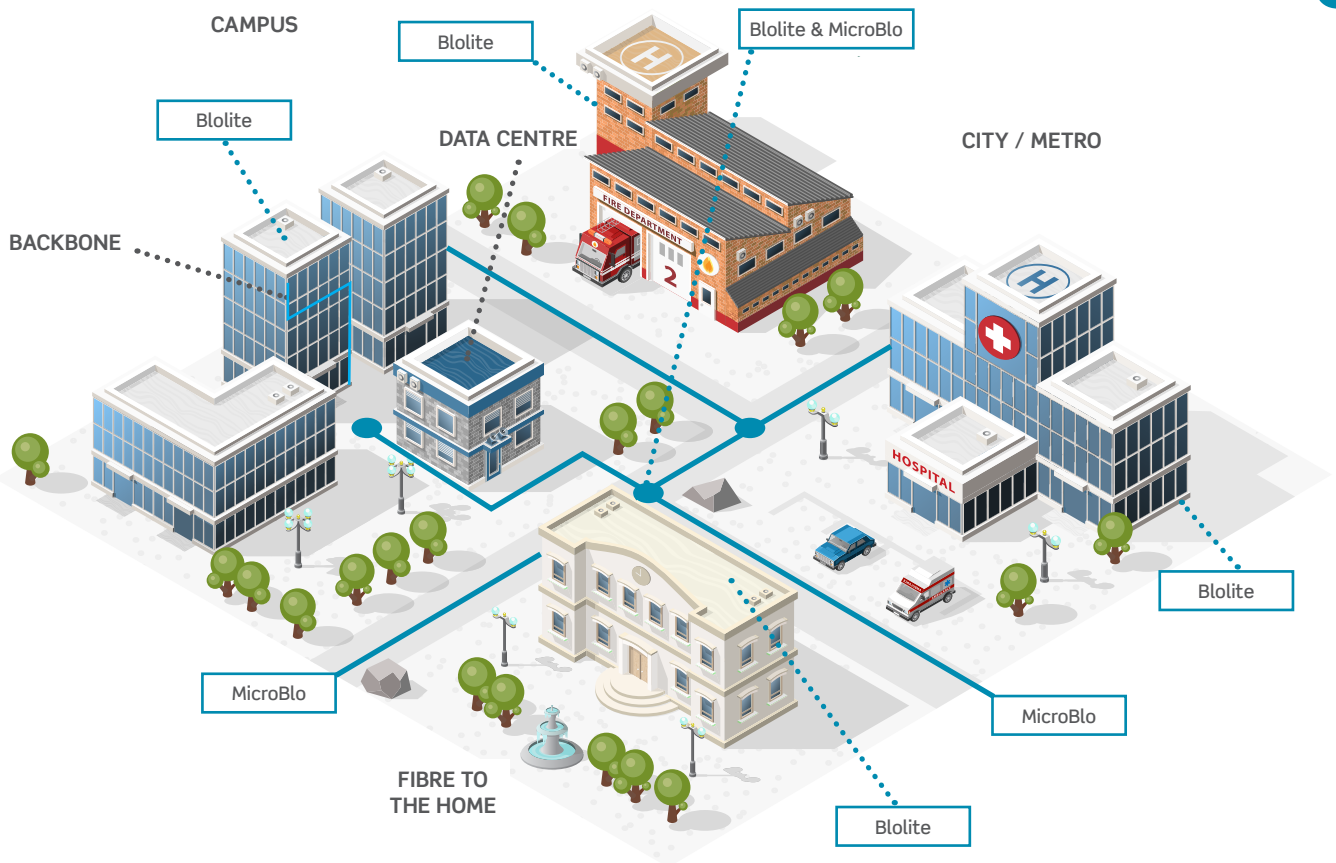
Air-Blown Fibre Systems

In the past, industry practice had been to install “dark fibre” to plan for future bandwidth demands. However, this strategy carries risks, as unterminated, untested fibres may not be fit for purpose when the time comes to use them. Fortunately, there is a simple and cost-effective solution in Air Blown Fibre Systems, which eliminates risk by preinstalling a ducting route and then blowing in the fibre element (and paying for it) only when required. Brand-Rex offers solutions for both internal and external applications with their market-leading Blolite and MicroBlo systems.

A COMPLETE SOLUTION FOR EVERY INSTALLATION

Blolite individual-blown fibre is a point-to-point solution suited to applications such as fibre to the desks/home, backbone links, campus, and data centre applications. The specially coated single fibres are blown through the MicroDucts using 'dry' air and can be installed in very complex routes often found within buildings.

MicroBlo Micro Cables are ideally suited for outside plant, campus, metro, and access applications. The Micro Cables are of a multiple loose-tube construction and are introduced into the MicroDucts using the air as a lubricant to facilitate the blowing of the cables.



In the campus network, combining MicroBlo Micro Cables with Blolite fibre provides a complete solution that will realize all the benefits of an air-blown fibre system through its lifetime.

AIR-BLOWN FIBRE SYSTEMS | Brand-Rex Blolite Systems

Blolite was one of the first air-blown solutions on the market and is regarded as the industry standard for air-blown fibre systems. The versatile system offers backbone and fibre-to-the-desk links and can even allow for long-distance links of up to 1 kilometre. It installs easily by using compressed air, so there is no disruption to the workplace. Blolite fibres are simply terminated and are compatible with all standard optical connectors.



BLOLITE SINGLE-BLOWN FIBRE ELEMENTS

- Complete range of single-mode and multimode fibres with blowable coating
- Strippable with standard tools and compatible with standard connector types
- Available in 12 colours
- Supplied on plastic reels in 2 or 4 kilometre lengths
- Installs in 3, 5, and 8 millimetre Blolite MicroDuct
- Installed by trained and licensed Blolite installer using IM2000 blow head

[A] BLOLITE SINGLE-BLOWN FIBRE ELEMENTS					
COLOUR	OM1	OM2	OM3	OM4	SINGLE-MODE
White	10-0101-03	10-0005-03	10-0003-03	10-0004-03	10-0200-03
Black	10-0101-05	10-0005-05	10-0003-05	10-0004-05	10-0200-05
Blue	10-0101-06	10-0005-06	10-0003-06	10-0004-06	10-0200-06
Orange	10-0101-07	10-0005-07	10-0003-07	10-0004-07	10-0200-07
Green	10-0101-08	10-0005-08	10-0003-08	10-0004-08	10-0200-08
Red	10-0101-09	10-0005-09	10-0003-09	10-0004-09	10-0200-09
Grey	10-0101-10	10-0005-10	10-0003-10	10-0004-10	10-0200-10
Yellow	10-0101-11	10-0005-11	10-0003-11	10-0004-11	10-0200-11
Brown	10-0101-12	10-0005-12	10-0003-12	10-0004-12	10-0200-12
Violet	10-0101-13	10-0005-13	10-0003-13	10-0004-13	10-0200-13
Pink	10-0101-14	10-0005-14	10-0003-14	10-0004-14	10-0200-14
Turquoise	10-0101-15	10-0005-15	10-0003-15	10-0004-15	10-0200-15



A

BLOLITE DIRECT-INSTALL MICRODUCTS

- Facilitates installation of Blolite single-blown fibres for direct installation in external applications
- Up to 19 blue individual ducts, numbered for identification
- Standard low-friction halogen-free flame-retardant low-smoke duct and Polyethylene outer sheath

[A] BLOLITE DIRECT-INSTALL MICRODUCTS

MICRODUCT SIZE = 5/3.5 MM	DIAMETER (MM)	PART NO.
Blolite 1-way 5/3.5 mm Direct-Install MicroDuct	7.5	BL01DI0535
Blolite 2-way 5/3.5 mm Direct-Install MicroDuct	7.5 x 13.0	BL02DI0535
Blolite 4-way 5/3.5 mm Direct-Install MicroDuct	15.2	BL04DI0535
Blolite 7-way 5/3.5 mm Direct-Install MicroDuct	18.6	BL07DI0535
Blolite 12-way 5/3.5 mm Direct-Install MicroDuct	24.0	BL12DI0535
Blolite 19-way 5/3.5 mm Direct-Install MicroDuct	29.6	BL19DI0535
MICRODUCT SIZE = 8/6 MM	DIAMETER (MM)	PART NO.
Blolite 1-way 8/6 mm Direct-Install MicroDuct	10.5	BL01DI0806
Blolite 2-way 8/6 mm Direct-Install MicroDuct	10.5 x 19.0	BL02DI0806
Blolite 4-way 8/6 mm Direct-Install MicroDuct	23.0	BL04DI0806
Blolite 7-way 8/6 mm Direct-Install MicroDuct	27.6	BL07DI0806
Blolite 12-way 8/6 mm Direct-Install MicroDuct	36.0	BL12DI0806



B

BLOLITE INDOOR MICRODUCTS

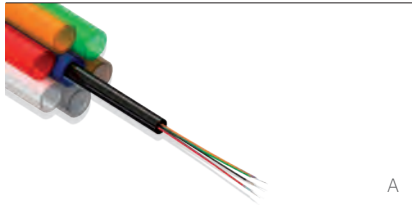
- Facilitates installation of Blolite single-blown fibres for indoor applications
- Up to 19 blue individual ducts, numbered for identification
- Standard low-friction polyolefin or halogen-free flame-retardant low-smoke duct for optimised blowing performance installation distances

[B] BLOLITE INDOOR MICRODUCTS

MICRODUCT SIZE = 3/2.1 MM	DIAMETER (MM)	PART NO.
Blolite 1-way 3/2.1 mm Indoor MicroDuct	5.0	BL01IN0321
Blolite 4-way 3/2.1 mm Indoor MicroDuct	9.3	BL04IN0321
Blolite 7-way 3/2.1 mm Indoor MicroDuct	11.7	BL07IN0321
Blolite 12-way 3/2.1 mm Indoor MicroDuct	15.2	BL12IN0321
Blolite 19-way 3/2.1 mm Indoor MicroDuct	17.7	BL19IN0321
MICRODUCT SIZE = 5/3.5 MM	DIAMETER (MM)	PART NO.
Blolite 1-way 5/3.5 mm Indoor MicroDuct	5.0	BL01IN0535
Blolite 2-way 5/3.5 mm Indoor MicroDuct	7.5 x 13.0	BL02IN0535
Blolite 4-way 5/3.5 mm Indoor MicroDuct	15.2	BL04IN0535
Blolite 7-way 5/3.5 mm Indoor MicroDuct	18.6	BL07IN0535
Blolite 12-way 5/3.5 mm Indoor MicroDuct	24.0	BL12IN0535
Blolite 19-way 5/3.5 mm Indoor MicroDuct	29.6	BL19IN0535
MICRODUCT SIZE = 8/6 MM	DIAMETER (MM)	PART NO.
Blolite 1-way 8/6 mm Indoor MicroDuct	8.0	BL01IN0806
Blolite 2-way 8/6 mm Indoor MicroDuct	10.5 x 19.0	BL02IN0806
Blolite 4-way 8/6 mm Indoor MicroDuct	23.0	BL04IN0806
Blolite 7-way 8/6 mm Indoor MicroDuct	27.6	BL07IN0806
Blolite 12-way 8/6 mm Indoor MicroDuct	36.0	BL12IN0806

AIR-BLOWN FIBRE SYSTEMS | Brand-Rex Microblo Systems

MicroDuct cabling systems are popular solutions for building flexibility into a network, as they can be populated when needed and leave spare capacity for future growth. MicroBlo air-blown loose-tube MicroDuct cable is available with fibre counts from 2 to 96.



A

MICROBLO 2-12 FIBRE-BLOWN MICRO CABLE

- Fibre counts from 2 to 12 in a 2.5 mm diameter package
- Single gel-filled polycarbonate loose tube
- Improves installation efficiency in preinstalled 5/3.5 mm MicroDucts
- Fibres are colour coded according to ANSI/TIA-598-C

[A] 2-12 FIBRE-BLOWN MICRO CABLE

DESCRIPTION	OM1	OM2	OM3	OM4	SINGLE-MODE
2-fibre	HF062BMC2WNM3	HF050BMC2WNM3	HFOM3BMC2WNM3	HFOM4BMC2WNM3	HF008BMC2WNM3
4-fibre	HF062BMC4WNM3	HF050BMC4WNM3	HFOM3BMC4WNM3	HFOM4BMC4WNM3	HF008BMC4WNM3
6-fibre	HF062BMC6WNM3	HF050BMC6WNM3	HFOM3BMC6WNM3	HFOM4BMC6WNM3	HF008BMC6WNM3
8-fibre	HF062BMC8WNM3	HF050BMC8WNM3	HFOM3BMC8WNM3	HFOM4BMC8WNM3	HF008BMC8WNM3
12-fibre	HF062BMC12WNM3	HF050BMC12WNM3	HFOM3BMC12WNM3	HFOM4BMC12WNM3	HF008BMC12WNM3



B

MICROBLO 12-72 FIBRE-BLOWN MICRO CABLE

- Fibre counts from 12 to 72 in a 6.0 mm diameter package
- Stranded gel-filled loose tubes with red and green marker reference for simple tube identification
- Improves installation efficiency in preinstalled 10/8 mm MicroDucts
- Constructed of non-metallic, resin-bonded glass central-strength member and high-density polyethylene sheath
- Fibres are colour coded according to ANSI/TIA-598-C

[B] 12-72 FIBRE-BLOWN MICRO CABLE

DESCRIPTION	OM1	OM2	OM3	OM4	SINGLE-MODE
12-fibre	HF062BMC12WNM6	HF050BMC12WNM6	HFOM3BMC12WNM6	HFOM4BMC12WNM6	HF008BMC12WNM6
24-fibre	HF062BMC24WNM6	HF050BMC24WNM6	HFOM3BMC24WNM6	HFOM4BMC24WNM6	HF008BMC24WNM6
36-fibre	HF062BMC36WNM6	HF050BMC36WNM6	HFOM3BMC36WNM6	HFOM4BMC36WNM6	HF008BMC36WNM6
48-fibre	HF062BMC48WNM6	HF050BMC48WNM6	HFOM3BMC48WNM6	HFOM4BMC48WNM6	HF008BMC48WNM6
60-fibre	HF062BMC60WNM6	HF050BMC60WNM6	HFOM3BMC60WNM6	HFOM4BMC60WNM6	HF008BMC60WNM6
72-fibre	HF062BMC72WNM6	HF050BMC72WNM6	HFOM3BMC72WNM6	HFOM4BMC72WNM6	HF008BMC72WNM6



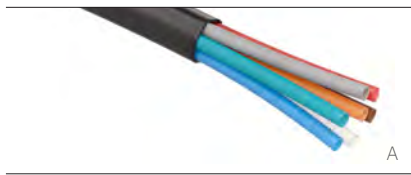
C

MICROBLO 82-96 FIBRE-BLOWN MICRO CABLE

- Fibre counts from 82 to 96 in a 7.0 mm diameter package
- Stranded gel-filled loose tubes with red and green marker reference for simple tube identification
- Improves installation efficiency in preinstalled 12/9.4 mm MicroDucts
- Constructed of non-metallic, resin-bonded glass central-strength member and high-density polyethylene sheath
- Fibres are colour coded according to ANSI/TIA-598-C

[C] UP TO 96 FIBRE MICRO CABLE

DESCRIPTION	OM1	OM2	OM3	OM4	SINGLE-MODE
84-fibre	HF062BMC84WNM8	HF050BMC84WNM8	HFOM3BMC84WNM8	HFOM4BMC84WNM8	HF008BMC84WNM8
96-fibre	HF062BMC96WNM8	HF050BMC96WNM8	HFOM3BMC96WNM8	HFOM4BMC96WNM8	HF008BMC96WNM8

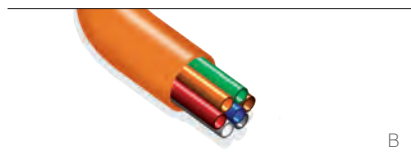


MICROBLO OUTDOOR DIRECT-INSTALL PROTECTED MICRODUCTS

- Facilitates installation of MicroBlo single-blown fibres for direct installation in outdoor applications
- Up to 19 individual ducts
- Standard low-friction duct and high-density polyethylene outer sheath

[A] MICROBLO DIRECT-INSTALL PROTECTED MICRODUCTS

MICRODUCT SIZE = 5/3.5 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 5/3.5 mm Outdoor Direct-Install MicroDuct	5.0	MB01DI0535
MicroBlo 2-way 5/3.5 mm Outdoor Direct-Install MicroDuct	11.5	MB02DI0535
MicroBlo 4-way 5/3.5 mm Outdoor Direct-Install MicroDuct	13.6	MB04DI0535
MicroBlo 7-way 5/3.5 mm Outdoor Direct-Install MicroDuct	16.5	MB07DI0535
MicroBlo 12-way 5/3.5 mm Outdoor Direct-Install MicroDuct	21.5	MB12DI0535
MicroBlo 19-way 5/3.5 mm Outdoor Direct-Install MicroDuct	26.5	MB19DI0535
MicroBlo 24-way 5/3.5 mm Outdoor Direct-Install MicroDuct	32.2	MB24DI0535
MICRODUCT SIZE = 10/8 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 10/8 mm Outdoor Direct-Install MicroDuct	10.0	MB01DI1008
MicroBlo 2-way 10/8 mm Outdoor Direct-Install MicroDuct	21.5	MB02DI1008
MicroBlo 4-way 10/8 mm Outdoor Direct-Install MicroDuct	25.6	MB04DI1008
MicroBlo 7-way 10/8 mm Outdoor Direct-Install MicroDuct	31.5	MB07DI1008
MicroBlo 12-way 10/8 mm Outdoor Direct-Install MicroDuct	41.5	MB12DI1008
MICRODUCT SIZE = 12/10 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 12/10 mm Outdoor Direct-Install MicroDuct	12.0	MB01DI1210
MicroBlo 2-way 12/10 mm Outdoor Direct-Install MicroDuct	25.5	MB02DI1210
MicroBlo 4-way 12/10 mm Outdoor Direct-Install MicroDuct	30.0	MB04DI1210
MicroBlo 7-way 12/10 mm Outdoor Direct-Install MicroDuct	37.5	MB07DI1210



MICROBLO DIRECT-BURIAL PROTECTED MICRODUCTS

- Facilitates installation of MicroBlo single-blown fibres for direct burial
- Up to 19 individual ducts
- Thick-wall polyethylene duct and high-density polyethylene sheath

[B] MICROBLO OUTDOOR DIRECT-BURIAL PROTECTED MICRODUCTS

MICRODUCT SIZE = 7/3.5 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 7/3.5 mm Outdoor Direct-Burial MicroDuct	7.0	MB01DB0735
MicroBlo 2-way 7/3.5 mm Outdoor Direct-Burial MicroDuct	15.5	MB02DB0735
MicroBlo 4-way 7/3.5 mm Outdoor Direct-Burial MicroDuct	18.4	MB04DB0735
MicroBlo 7-way 7/3.5 mm Outdoor Direct-Burial MicroDuct	22.5	MB07DB0735
MicroBlo 12-way 7/3.5 mm Outdoor Direct-Burial MicroDuct	29.5	MB12DB0735
MicroBlo 19-way 7/3.5 mm Outdoor Direct-Burial MicroDuct	36.5	MB19DB0735
MicroBlo 24-way 7/3.5 mm Outdoor Direct-Burial MicroDuct	43.0	MB24DB0735
MICRODUCT SIZE = 12/8 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 12/8 mm Outdoor Direct-Burial MicroDuct	12.0	MB01DB1208
MicroBlo 2-way 12/8 mm Outdoor Direct-Burial MicroDuct	25.5	MB02DB1208
MicroBlo 4-way 12/8 mm Outdoor Direct-Burial MicroDuct	30.0	MB04DB1208
MicroBlo 7-way 12/8 mm Outdoor Direct-Burial MicroDuct	37.5	MB07DB1208
MICRODUCT SIZE = 14/10 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 14/10 mm Outdoor Direct-Burial MicroDuct	14.0	MB01DB1410
MicroBlo 2-way 14/10 mm Outdoor Direct-Burial MicroDuct	29.5	MB02DB1410
MicroBlo 4-way 14/10 mm Outdoor Direct-Burial MicroDuct	35.0	MB04DB1410
MicroBlo 7-way 14/10 mm Outdoor Direct-Burial MicroDuct	43.5	MB07DB1410



A

MICROBLO INDOOR PROTECTED MICRODUCTS

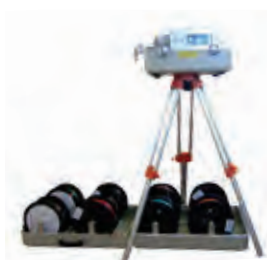
- Ideal for providing access into a building and can be joined to a direct-install or direct-burial MicroDuct, allowing the cabling to be blown straight from outside into the building
- Up to 19 individual ducts, numbered for identification
- Standard low-friction halogen-free flame-retardant low-smoke (HFFR-LS) duct and HFFR-LS outer sheath

[A] MICROBLO INDOOR PROTECTED MICRODUCTS

MICRODUCT SIZE = 5/3.5 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 5/3.5 mm Indoor MicroDuct	5.0	MB01IN0535
MicroBlo 2-way 5/3.5 mm Indoor MicroDuct	11.5	MB02IN0535
MicroBlo 4-way 5/3.5 mm Indoor MicroDuct	13.6	MB04IN0535
MicroBlo 7-way 5/3.5 mm Indoor MicroDuct	16.5	MB07IN0535
MicroBlo 12-way 5/3.5 mm Indoor MicroDuct	21.5	MB12IN0535
MicroBlo 19-way 5/3.5 mm Indoor MicroDuct	26.5	MB19IN0535
MicroBlo 24-way 5/3.5 mm Indoor MicroDuct	32.2	MB24IN0535
MICRODUCT SIZE = 10/8 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 10/8 mm Indoor MicroDuct	10.0	MB01IN1008
MicroBlo 2-way 10/8 mm Indoor MicroDuct	21.5	MB02IN1008
MicroBlo 4-way 10/8 mm Indoor MicroDuct	25.6	MB04IN1008
MicroBlo 7-way 10/8 mm Indoor MicroDuct	31.5	MB07IN1008
MICRODUCT SIZE = 12/10 MM OUTER DIAMETER/BORE	DIAMETER (MM)	PART NO.
MicroBlo 1-way 12/10 mm Indoor MicroDuct	12.0	MB01IN1210
MicroBlo 2-way 12/10 mm Indoor MicroDuct	25.5	MB02IN1210
MicroBlo 4-way 12/10 mm Indoor MicroDuct	30.0	MB04IN1210
MicroBlo 7-way 12/10 mm Indoor MicroDuct	37.5	MB07IN1210

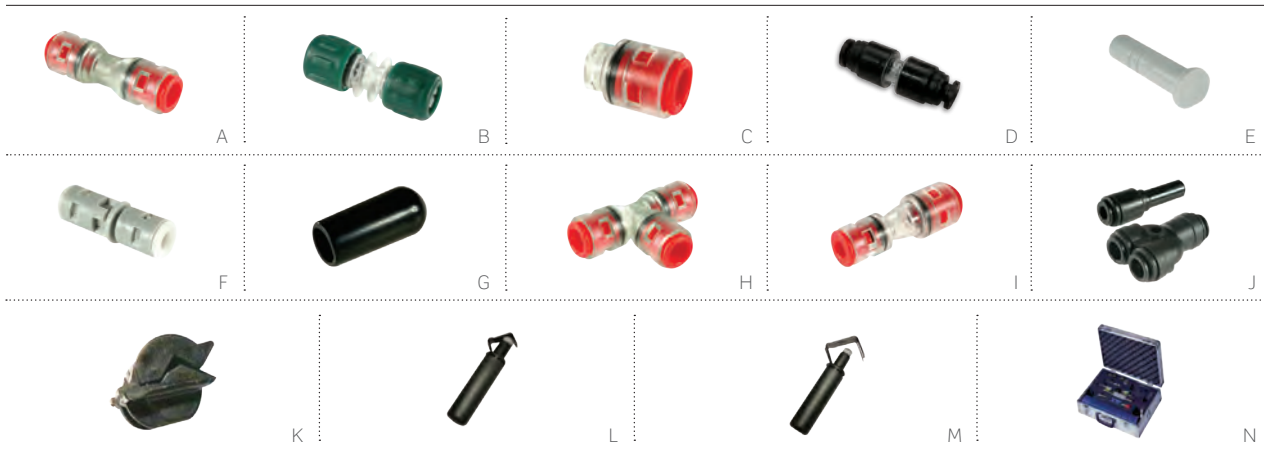
SPOTLIGHT

Installation Equipment



The effective installation of Blolite fibres into a Blolite MicroDuct route requires the use of specially designed equipment. The IM2000 Blocentre comprises of a purpose made blow head, a tripod and pay-off system, all supplied within sturdy carry cases. In addition to the IM2000 the installer will require a portable conditioned air supply delivering a minimum of 155slpm @ 10 bar and a 240v power source. The blow head uses a belt drive system to forward up to 12 Blolite fibres into a MicroDuct, at which point the air is introduced and the installation of the fibre is enabled.

Please contact your customer service representative for more information at +44 (0) 1592 772124 or customerservice@brand-rex.com.



- Range of plastic-bodied, pneumatic-tube connectors for Blolite and MicroBlo tube routing
- Rated for the maximum working pressure of 10 Bar
- Connectors can be installed with a simple push-pull technique and can be reused several times

MICROBLO AND BLOLITE MICRODUCT CONNECTIVITY

CONNECTOR TYPE	3/2.1 mm	5/3.5 mm	7/3.5 mm	8/6 mm	10/8 mm	12/8 mm	12/9.4 mm	14/9.4 mm
[A] Straight - Push/Pull	30-0301-00	30-0501-00	30-0721-00	30-0801-00	30-1001-00	30-1221-00	30-1201-00	30-1421-00
[B] Straight - Screw Retention	—	30-0502-00	—	30-0802-00	—	—	—	—
[C] End Stop	30-0304-00	30-0504-00	30-0704-00	30-0804-00	30-1004-00	30-1204-00	30-1204-00	30-1404-00
[D] 3 mm Straight Connector	30-0301-00	—	—	30-0805-09	—	—	—	—
[E] Connector End Plug	—	30-0505-09	—	—	—	—	—	—
[F] Bulkhead Mounted Connector	—	30-0506-09	—	—	—	—	—	—
[G] Dust Cap	30-0307-05	30-0507-05	30-0707-05	30-0807-05	30-1007-05	30-1207-05	30-1207-05	30-1407-05
[H] Gas Blocking 'T' Piece	—	30-0508-00	—	30-0808-00	—	—	—	—
8mm to 5mm Reducer	—	30-5801-00	—	—	—	—	—	—
[I] Standard to Direct Burial mating connector	—	—	30-5701-00 (7/3.5 mm to 5/3.5 mm)	—	—	30-0201-00 (12/8mm to 10/8mm)	—	30-2401-00 (14/9.4 mm to 12/9.4 mm)
[J] Termination Fibre Diverter	—	—	—	30-0809-05	—	—	—	—
8mm to 5mm Stem Converter	—	30-5810-05	—	—	—	—	—	—
Water Blocking Straight	—	30-0503-00	—	—	30-1003-00	—	30-1203-00	—

MICROBLO AND BLOLITE MICRODUCT CONNECTIVITY TOOLS

DESCRIPTION	PART NO.
[K] Radial Tube Cutter	54-0100-00
[L] Duct Stripping Tool 4.5mm - 29.00mm	54-0201-00
[M] Duct Stripping Tool 19.00mm - 40.00mm	54-0202-00
[N] Duct Testing Kit	50-0506-00



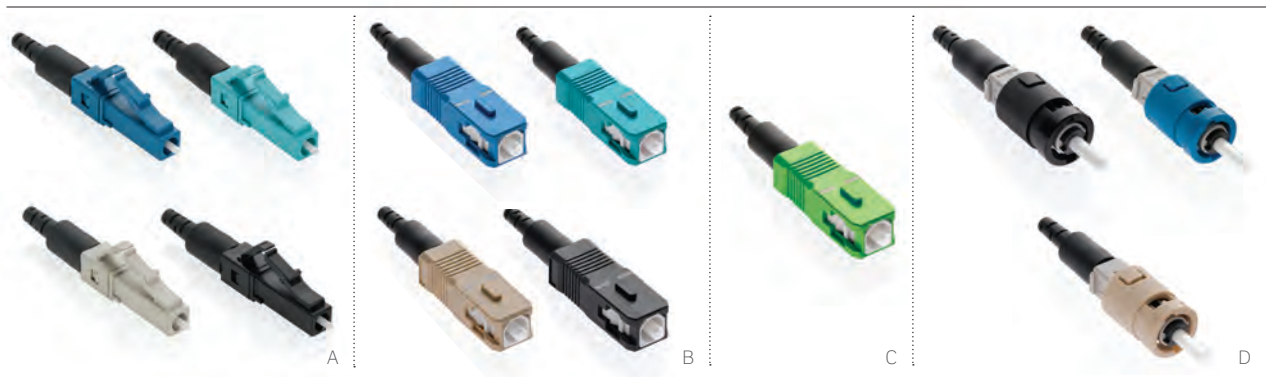
FEATURED PRODUCTS

FastCAM Connectors **B74**

Secure Keyed LC Connectors & Accessories **B76**

Connectors & Housings

Leviton has everything you need to properly terminate your fibre network. FastCAM® and Fast-Cure® connectors are available in LC, SC, and ST styles. Secure Keyed LC Field-Installable Connectors lock into any industry-compliant adaptors and prevent unauthorised moves, adds, and changes. To extend fibre to the workstation, we also offer QuickPort®-footprint fibre adaptors that fit into faceplates and Multimedia Outlet System (MOS) housings. Go to the Faceplates & Housings section to see our faceplate selection.



FASTCAM CONNECTORS

- Pre-polished, field-installable connectors
- Use precision zirconia ferrules
- Require no polishing or epoxy curing; provide immediate termination
- Precision mechanical termination uses molded v-groove technology to retain and align the fibre
- Terminated on 250 µm or 900 µm buffered fibre and/or 2 or 3 mm jacketed fibre
- Higher yields with Visual Fault Locator (VFL)-compatible LC, SC, and ST connectors
- Available in OM1, OM2, OM3, OM4, OS2 UPC, and OS2 APC (SC only)



FASTCAM CONNECTORS - 1 PER BAG

DESCRIPTION	OS2 SINGLE-MODE	OM1 MULTIMODE	OM2 MULTIMODE	OM3 & OM4 LOMM
[A] LC FastCAM Connector	49991-SLC (Blue)	49991-MLC (Beige)	49991-5LC (Black)	49991-LLC (Aqua)
[B] SC FastCAM Connector	49991-SSC (Blue)	49991-MSC (Beige)	49991-5SC (Black)	49991-LSC (Aqua)
[C] SC/APC FastCAM Connector*	49991-ASC (Green)	—	—	—
[D] ST FastCAM Connector	49991-SST (Blue)	49991-MST (Beige)	49991-5ST (Black)	—

FASTCAM ACCESSORIES

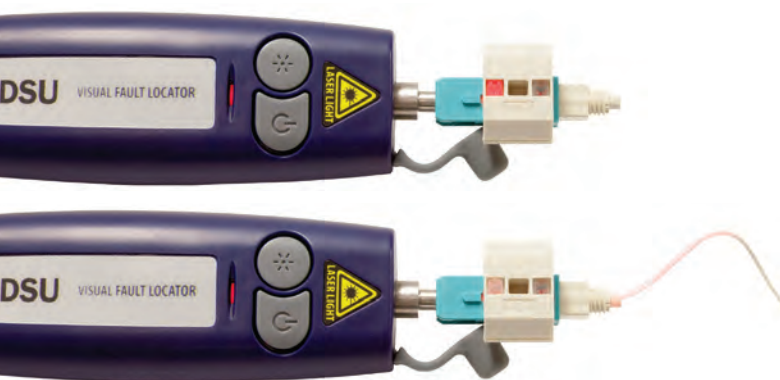
FastCAM LC Duplex Clips	49991-CLP	49991-CLP	49991-CLP	49991-CLP
-------------------------	-----------	-----------	-----------	-----------

* Includes an internal 8° cleave for >60 dB return loss performance. Requires 8° cleave tool (see page B83, item L).

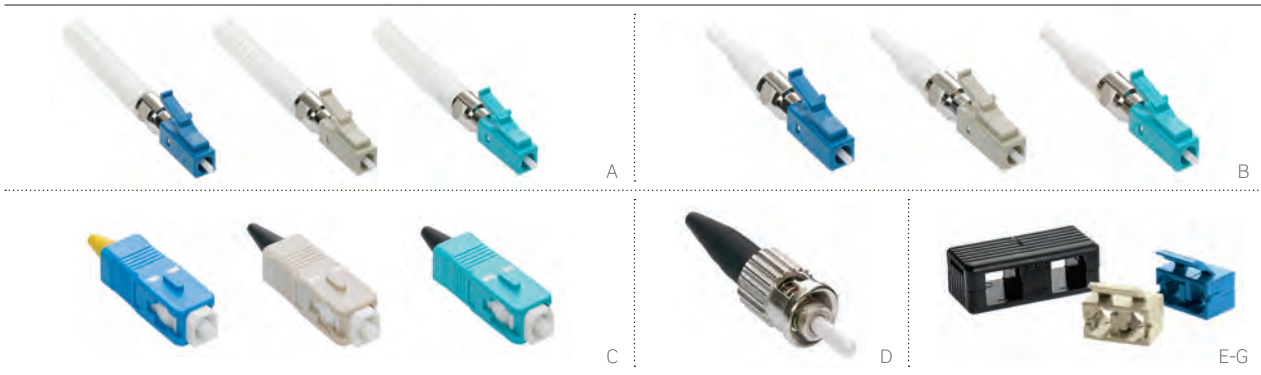
See pages B81-B84 for FastCAM tools and consumables.

SPOTLIGHT

Visual Fault Locator (VFL)



The **Leviton Visual Fault Locator (VFL)** uses a bright red laser to locate faults in optical fibre, such as bends, breaks, and defective connectors. The VFL comes with a 2.5 mm interface for ST and SC type connectors and a 1.25 mm adaptor for LC type connectors, and soft carrying case. Use with LC, SC, and ST FastCAM connectors.



FAST-CURE CONNECTORS

- Anaerobic adhesive-style, field-installable connectors
- Hand polishing required
- Most robust connection, ideal for inside and outside plant applications
- Available in LC, SC, and ST connector styles
- 900 µm and 3-mm boots included with SC and ST connectors



FAST-CURE ADHESIVE CONNECTORS

DESCRIPTION	OS2 SINGLE-MODE	OM1 & OM2 MULTIMODE	OM3 & OM4 LOMM
[A] LC Fast-Cure Connector with 2- and 3-mm boot	49990-SL2 (Blue)	49990-ML2 (Beige)	49990-LL2 (Aqua)
[B] LC Fast-Cure Connector with 900 µm boot	49990-SDL (Blue)	49990-MDL (Beige)	49990-LDL (Aqua)
[C] SC Fast-Cure Connector	49990-SSC (Blue)	49990-MSC (Beige)	49990-LSC (Aqua)
[D] ST Fast-Cure Connector	49990-SST	49990-MST	—

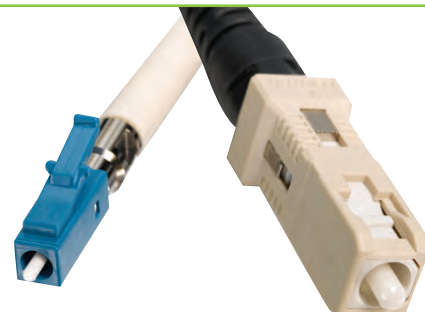
FAST-CURE ACCESSORIES

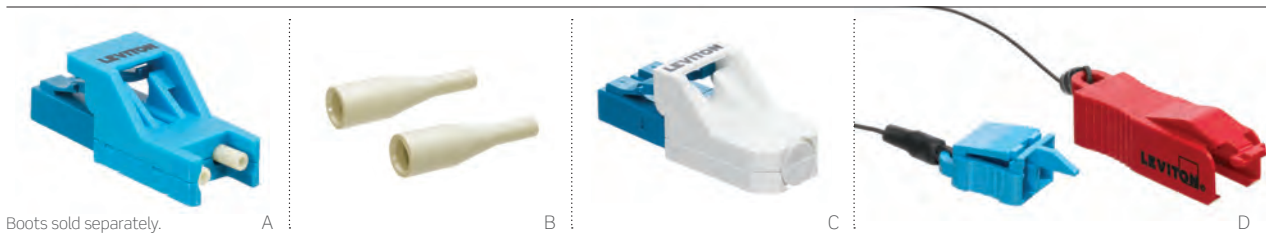
[E] SC Duplex Clip for Fast-Cure Connector, Black (bag of 25)	49886-DSC	49886-DSC	49886-DSC
[F] LC Duplex Clip for Fast-Cure Connector, Beige (bag of 25)	—	49886-DLM	49886-DLM
[G] LC Duplex Clip for Fast-Cure Connector, Blue (bag of 25)	49886-DLS	—	—

See pages B81-B84 for Fast-Cure tools and consumables.

SPOTLIGHT Ceramic vs. Polymer Ferrules

Fibre optic ferrules, which ensure accurate alignment of fibre-to-fibre core interfaces, can be constructed of zirconia ceramic or polymer composites. While the two materials offer comparable performance in several areas, ceramic ferrules are superior in the key attributes of reliability (withstanding day-to-day environmental stressors) and durability (withstanding repeated matings/moves, adds, and changes). Leviton builds its connectors using only ceramic ferrules, so our customers can be assured of the best fibre connector performance in any application.





Boots sold separately.

SECURE KEYED LC CONNECTORS & SYSTEM ACCESSORIES

- Field-installable duplex LC connectors lock into any industry-compliant LC adaptor or interface
- Locking connectors can only be removed with matching-colour extraction tool
- Anaerobic adhesive-style, requires hand polishing (See page B82 for Polishing Tool Kit 49800-FTK.)
- 900 µm boots identify fibre type
- Port protection plugs enable unused LC ports to be locked
- Dust caps protect connectors upon removal from a port, promoting good fibre discipline

WATCH: INSTALLATION VIDEOS



Leviton.com/ns/videos

"How to Assemble the Secure Keyed LC"

Secure Keyed LC system also includes patch cords and pigtails (page B42).

SECURE KEYED LC FIELD-INSTALLABLE CONNECTORS

DESCRIPTION	PART NO.
[A] Secure Keyed LC Field-Installable Connector, 900 µm, MM/SM (boot sold separately)	4999K-xLC
[B] 900 µm Boots (bag of 50)	4999K-***

SECURE KEYED LC ACCESSORIES

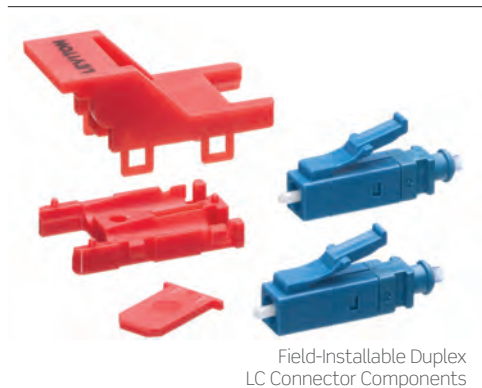
[C] Port Protection Plug with Dust Cap	PPRTN-xLG
[D] Extraction Tool with Dust Cap	ETRRTN-xTL
Dust Caps (bag of 10)	DUSTK-CAP

x = colours: Choose from any of the colours below.

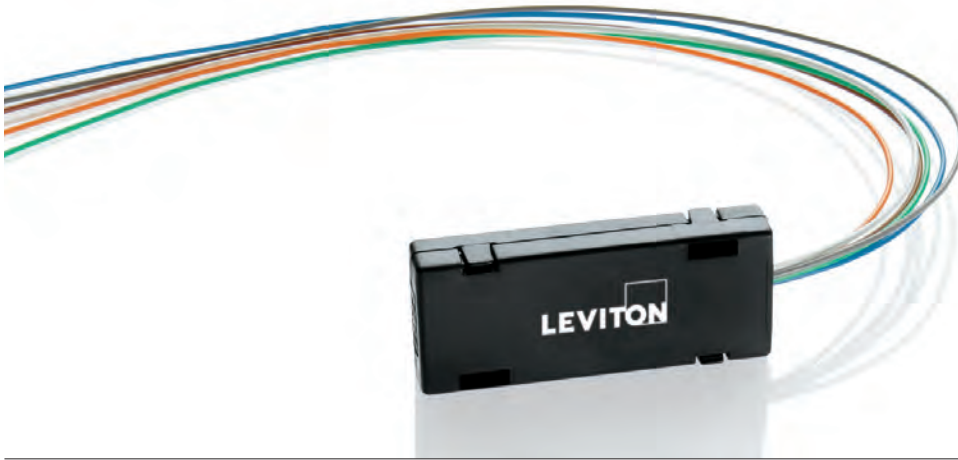


White (W) Yellow (Y) Orange (O) Red (R) Blue (L) Green (V) Slate (G) Black (E)

*** = Beige (BGE), Black (BLK), Aqua (AQU), Blue (BLU)



Field-Installable Duplex LC Connector Components



A

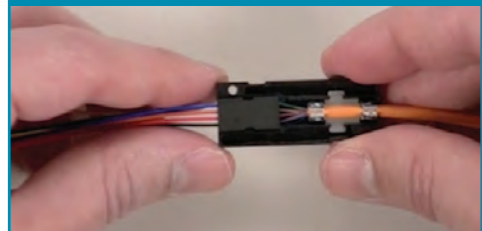
FIBRE OPTIC FAN-OUT KITS

- Protect bare fibre and prepare loose-tube cable for direct termination to industry-standard connectors
- Separate 250 µm fibres and route into colour-coded 900 µm buffer tubes with no proprietary tools
- Available in 6- or 12-strand kits and 24- or 36-inch lengths
- Works with cabling from any manufacturer (Will accommodate maximum buffer-tube diameter up to 3.5 mm)

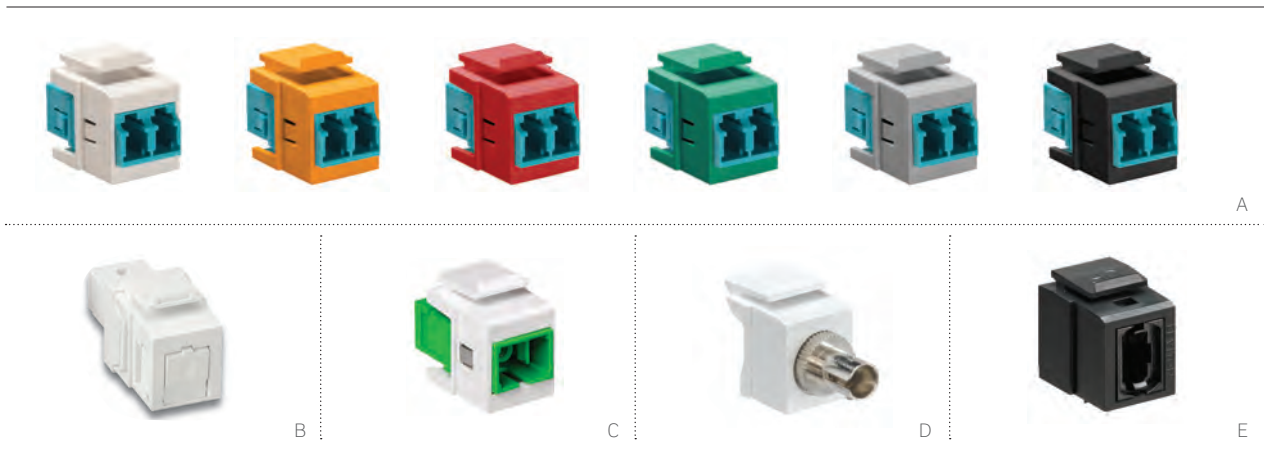
FIBRE OPTIC FAN-OUT KITS	
DESCRIPTION	PART NO.
[A] 24-inch Fibre Optic Fan-Out Kit, 6-fibre	49887-06S
24-inch Fibre Optic Fan-Out Kit, 12-fibre	49887-12S
36-inch Fibre Optic Fan-Out Kit, 6-fibre	49887-06L
36-inch Fibre Optic Fan-Out Kit, 12-fibre	49887-12L
Fan-Out Consumables Kit	49800-FAN



WATCH: INSTALLATION VIDEOS



[Leviton.com/hs/videos](https://www.leviton.com/hs/videos)
"How to Terminate the Fan-Out Kit"



QUICKPORT FIBRE ADAPTORS

- Snap into all QuickPort openings and Multimedia Outlet System (MOS) housings, see pages C3-C4.
- Tool-free plug-n-play installation
- Offered with precision phosphor-bronze or zirconia-ceramic alignment sleeve

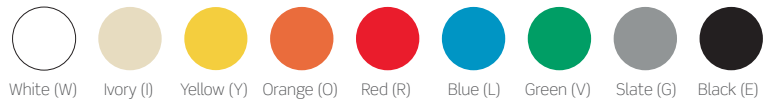
QUICKPORT FIBRE ADAPTORS	
DESCRIPTION	PART NO.
QuickPort Duplex LC Adaptor, MM, phosphor bronze sleeve, Beige*	41085-ML°
[A] QuickPort Duplex LC Adaptor, 10G LOMM, zirconia ceramic sleeve, Aqua*	41085-LL°
QuickPort Duplex LC Adaptor, SM, zirconia ceramic sleeve, Blue*	41085-SL°
[B] QuickPort Simplex SC Shuttered Adaptor, MM, phosphor bronze sleeve, female front/back	41085-M^C
QuickPort Simplex SC Shuttered Adaptor, SM, zirconia ceramic, female front/back	41085-S^C
[C] QuickPort Simplex SC/APC Adaptor, SM, zirconia ceramic, female front/back*	41085-AS°
[D] QuickPort ST Fibre Optic Adaptor, MM, phosphor bronze sleeve	41084-S^F
QuickPort ST Fibre Optic Adaptor, SM, zirconia ceramic sleeve	41084-S^Z
[E] MTP® QuickPort Adaptor, SM/MM, key up to key down*	41085-TP°
MTP® QuickPort Adaptor, SM/MM, key up to key up*	41085-TB°

* = Minimum order quantity and lead times may apply.

^ = Colours: Choose from any of the colours below.

Some adaptors are Make to Order, contact Customer Service at +44 (0) 1592 772124 for ordering information.

° = Colours: Choose from any of the colours below.





FEATURED PRODUCTS

Visual Fault Locator (VFL) **B83**

Cleavers **B83**

Tools & Consumables

Different termination technologies require unique tools. Leviton has everything you need to terminate Fast-Cure® (adhesive polish) and FastCAM® (pre-polished) connectors. We also offer cleaning tools for LC, SC, and MTP® connectors. Choose from complete kits, or mix and match individual tools and a wide variety of consumables.

VISUAL FAULT LOCATOR (VFL)

Quickly locate optical fibre damage with the Leviton Visual Fault Locator (VFL). The pocket-sized tool uses a bright red laser to locate faults, including tight bends, breaks, and defective connectors. The VFL comes with a 2.5 mm interface for ST and SC type connectors and a 1.25 mm adaptor for LC type connectors, and soft carrying case. Use with FastCAM® LC and SC connectors for enhanced terminations. See page B83 for part numbers.



Tools & Consumables

FIBRE

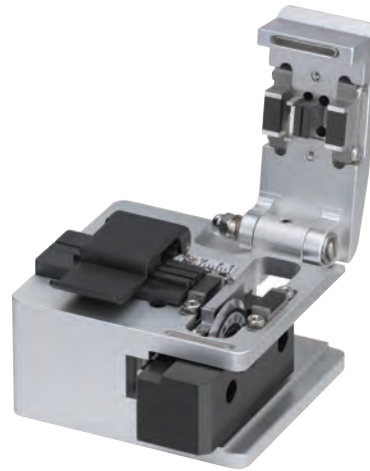
LEVITON 200X INSPECTION SCOPES

Reduce the chances of over-polishing with Leviton's high-powered inspection scopes. View single-mode and multimode end-face polishes safely with our oblique viewing technology; full laser eye protection is provided through wavelengths of 850 - 1550 nanometres (nm). Rugged metal and rubber construction stands up to job-site abuse while offering an ergonomic grip. See page B83.



FASTCAM TERMINATION TOOLS

FastCAM terminations and fusion splicing both require precision cleaving. Get the accuracy you need with the cleaver. A cleave angle of 90 degree +/- .5 degree is guaranteed; the 16-position blade remains sharp through approximately 48,000 cleaves. For a self-contained workspace, mount the cleaver to the optional work tray and use the gooseneck LED for task lighting. The Leviton APC Angled Cleaver is required for APC single-mode FastCAM connectors. See page B83.



ONLINE TRAINING VIDEOS & ANIMATIONS

Increase your expertise with Leviton's online fibre training. Step-by-step instructions on terminating FastCAM 250 µm or 900 µm fibre, using our fan-out kits, or terminating Fast-Cure® connectors, are all available with just a click of the mouse. All of Leviton's training animations feature clear, easy-to-understand graphics paired with on-screen written instructions for maximum effectiveness. Visit Leviton.com/support.





A



B



C



D

FIBRE OPTIC LIGHT TOOL KIT

- Essential tool set for quick field-termination of Fast-Cure® connectors
- Terminates both multimode and single-mode fibre

FIBRE OPTIC FAST-CURE TOOL KIT

- All the tools you need for terminating multimode or single-mode LC, SC, or ST Fast-Cure adhesive connectors
- Adhesive/accelerator kit sold separately, see page B84

FIBRE OPTIC FASTCAM® TOOL KIT

- Precision cleaving for guaranteed FastCAM connector performance
- Terminates both multimode and single-mode Fibre

Note: Consumables sold separately. See page B84.

SPOTLIGHT

RackForce GigaCentre Attracts Cloud and Colocation Clients with Efficient Design, Ideal Location



The RackForce GigaCentre serves more than 1,800 customers, who use from a single cabinet to an entire GigaVault. When choosing network connectivity, the RackForce team decided on Leviton for their products, experienced people, strong logistics support for moving product fast, and the capability to fulfill unique needs for non-standard equipment and make-to-order products. They also took advantage of the Leviton data centre team, getting help with network infrastructure design.

As customer needs change and the GigaCentre grows, RackForce continues to rely on Leviton for ongoing assistance with infrastructure changes and additions, delivering the services customers require.

TOOLS & CONSUMABLES | Fibre Optic Tool Kits

FIBRE OPTIC TOOL KITS CONTENTS	FAST-CURE® TOOL KITS		FASTCAM® TOOL KITS		
	[A] 49800-MTK	[B] 49800-FTK	[C] 49800-LAK	[D] 49800-SMK	49800-MSK
Tool Kit Carrying Case	•	•	•	•	•
250 µm Buffer Remover		•	•	•	•
900 µm Buffer Remover	•	•			
Jacket Stripper	•	•			
Aramid Strand Scissors	•	•			
Safety Glasses		•			
Sapphire Scribe	•	•			
2.5 mm Polishing Puck	•	•			
3" x 6" Polishing Pad	•	•			
ST/SC Combination Tightening Tool	•				
Cleaver LNX			•		•
Cleaver CT-30A				•	
100x Inspection Scope	•				
200x Inspection Scope		•			
Piano Wire		•			
Lint-Free Dry Wipes		•	•	•	•
Alcohol Pads		•	•	•	•
12 µm Aluminium-Oxide Lapping Film		•			
3 µm Aluminium-Oxide Lapping Film		•			
0.3 µm Aluminium-Oxide Lapping Film		•			
Crimp Tool		•			
LC 1.25 mm Scope Adaptor		•			
LC 1.25 mm Polishing Puck		•			
LED Gooseneck Light			•		
Work Tray			•		

FIBRE OPTIC TOOL KITS	
DESCRIPTION	PART NO.
[A] Basic Fast-Cure Tool Kit	49800-MTK
[B] Fast-Cure Tool Kit	49800-FTK
[C] FastCAM Tool Kit with Cleaver, Work Tray, and LED Light*	49800-LAK
[D] FastCAM Tool Kit with CT-30A Cleaver (cleaver shown on page B83)	49800-SMK
FastCAM Tool Kit with Cleaver*	49800-MSK

* = Minimum order quantity and lead times may apply.

Individual consumables available on page B84.

Note: Adhesive/accelerator tool kit sold separately. See page B84.

TOOLS & CONSUMABLES | Fibre Optic Tools

FIBRE Tools & Consumables



UNIVERSAL TOOLS & ACCESSORIES	
DESCRIPTION	PART NO.
[A] 250 and 900 µm Buffer Remover (yellow handle)	49886-BR2
[B] 900 µm Buffer Remover	49886-BR9
[C] Jacket Stripper	49886-STP
[D] Aramid Strand Scissors	49886-SIS
Sapphire Scribe	49886-SCR
1.25 mm (LC) Polishing Puck	49886-LCP
2.5 mm (SC/ST) Polishing Puck	49886-PUC
3" x 6" Polishing Pad	49886-PAD
Tool Kit Carrying Case	49886-CSE
Safety Pad	49886-SPD
[E] 200x Inspection Scope	49886-FSP
[F] LC Scope Adaptor (works with 200x scope only)	49886-LCS
Duplex LC Scope Adaptor (works with 200x scope only)	49886-LCD
[G] MTP® Scope Adaptor (works with 200x scope only)	49886-MCS
Fibre Optic Crimp Tool with .128/.151/.178 hex die	49886-FCT
Tool Kit Carrying Case	49886-FCC
[H] MTP Cassette Cleaning Tool	49886-MCT
[I] LC Connector Cleaning Tool	49886-LCT
[J] SC Connector Cleaning Tool	49886-SCT
[K] MTP Connector Cleaning Tool (female)	49886-UFT
MTP Connector Cleaning Tool (male)	49886-UMT
MTP Connector Cleaning Tool Refill (male)	49886-MCR

FASTCAM® SPECIFIC TOOLS	
DESCRIPTION	PART NO.
Work Tray^	49886-LNT
Gooseneck LED^	49886-LGN
[L] APC Angled Cleaver	49886-APC
[M] Flat Cleaver	49886-LNX
[N] Fujikura CT-30A Cleaver^	49886-CTA
[O] Visual Fault Locator (VFL) (2.5 mm and 1.25 mm adaptors included)	49886-VFL
Replacement 1.25 mm Adaptor for VFL	49886-FLA

^ = Minimum order quantity and lead times may apply.

LEARN: CLEANING INSTRUCTIONS

Protect your investment and make sure you get the network performance you expect when you CL.I.C. - Clean, Inspect, Connect.

See page B40 or visit Leviton.com/clc for directions.



UNIVERSAL CONSUMABLES KIT

All the basic supplies needed to clean and polish fibre optic connectors. Set includes:

- 50 lint-free dry wipes
- 50 alcohol pads
- 30 sheets 12 µm lapping film
- 30 sheets 3 µm lapping film
- 30 sheets 0.3 µm lapping film
- Piano wire

ADHESIVE/ACCELERATOR KIT

Set includes:

- Loctite 680 adhesive
- Loctite 7649 accelerator with syringe
- Two needles
- Will do approximately 200 terminations

FAST-CURE® CONSUMABLES KIT

Everything from the Universal Kit, plus specialised supplies for Fast-Cure terminations. Additional included items:

- 25 syringes
- 25 needles
- Adhesive and accelerator
- Will do approximately 200 terminations

FAN-OUT CONSUMABLES KIT

Kit terminates a minimum of 10-fibre Optic Fan-Out Kits. Set includes:

- 20 lint-free dry wipes
- 10 alcohol pads
- 10 D'Gel® packets
- Sealant
- Talc powder

CONSUMABLES KITS

DESCRIPTION	PART NO.
[A] Universal Consumables Kit	49800-CON
[B] Fast-Cure Consumables Kit	49800-FCC
[C] Adhesive/Accelerator Kit	49800-680
[D] Fan-Out Consumables Kit	49800-FAN

CONSUMABLES

Piano Wire	49886-WRE
Lint-Free Dry Wipes (100 per pack)	49886-DWP
Alcohol Pads (100 per pack)	49886-APD
12 µm Aluminium-Oxide Lapping Film, Pink (100 per pack)	49886-12F
3 µm Aluminium-Oxide Lapping Film, Yellow (100 per pack)	49886-03F
0.3 µm Aluminium-Oxide Lapping Film, Light Blue (100 per pack)	49886-X3F
Replacement Needles (25 per pack)	49886-FCN
Replacement Syringes (25 per pack)	49886-SYR



HOUSINGS & FACEPLATES

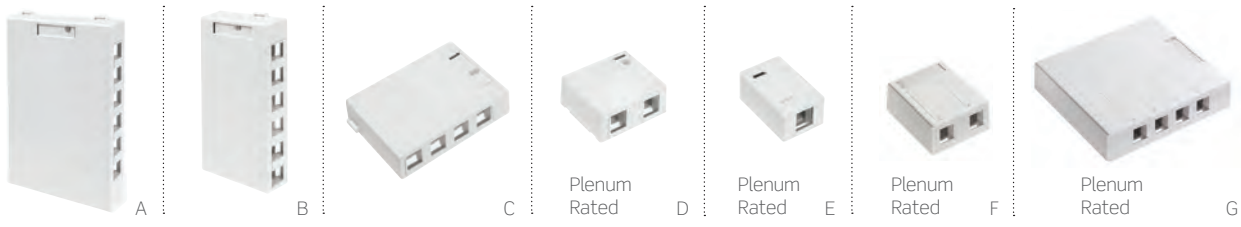


SECTION C CONTENTS

HOUSINGS & FACEPLATES

- C3** QuickPort® and Multimedia Outlet System (MOS) Surface-Mount Boxes
- C4** QuickPort In-Ceiling Brackets, In-Floor Bracket & Modules, & Din Rail Snap-In-Jack Module
- C5** Brand-Rex UK Style Faceplates, Backboxes, & Modules
- C6** Brand-Rex Continental Outlets, Faceplates, & Modules
- C7** Brand-Rex European Style Outlets & 70 x 115 mm Faceplates
- C8** Brand-Rex 45 mm & 50 mm Fibre Modules
- C9** Jack & Housing Compatibility

HOUSINGS & FACEPLATES | QuickPort® & Multimedia Outlet System (MOS) Surface-Mount Boxes



SURFACE-MOUNT BOXES

- Surface-mount boxes have breakouts to match common raceway systems and cable entry
- 1-, 2-, and 4-port surface-mount boxes are plenum rated (compliant with NEC 300-22 (b)(c))
- Mounts with screws or adhesive mounting tape (both provided)
- 4S089 products are designed to work with Leviton shielded or UTP Cat 6A connectors to allow proper bend-radius control
- Multimedia Outlet System (MOS) Surface-Mount Boxes accept MOS AV, copper, and fibre modules (see page A16 for modules)

Compatibility References:

See pages C9-C10 for housings, faceplates, and jack compatibility.

QUICKPORT SURFACE-MOUNT BOXES

DESCRIPTION	WHITE	LIGHT ALMOND	IVORY	GREY	BLACK
[A] 12-Port Surface-Mount Box, 193 W x 127 D x 28 H	41089-12W	—	41089-12I	41089-12G	41089-12E
[B] 6-Port Surface-Mount Box, 162 W x 81 D x 27 H	41089-6WP	—	41089-6IP	41089-6GP	41089-6EP
[C] 4-Port Surface-Mount Box, 121 W x 81 D x 27 H	41089-4WP	—	41089-4IP	41089-4GP	41089-4EP
[D] 2-Port Surface-Mount Box, 64 W x 56 D x 27 H	41089-2WP	41089-2TP	41089-2IP	41089-2GP	41089-2EP
[E] 1-Port Surface-Mount Box, 36 W x 56 D x 27 H	41089-1WP	—	41089-1IP	41089-1GP	41089-1EP
[F] 2-Port Surface-Mount Box extended depth*, 63 W x 76 D x 30 H	4S089-2WP	—	4S089-2IP	—	—
[G] 4-Port Surface-Mount Box extended depth*, 142 W x 132 D x 30 H	4S089-4WP	—	4S089-4IP	—	—

*For shielded connectors and large bend-radius cables.



Plenum Rated

H

I

MULTIMEDIA OUTLET SYSTEM (MOS) SURFACE-MOUNT BOXES

DESCRIPTION	WHITE	LT. ALMOND	IVORY	GREY	BLACK
[H] Surface-Mount Box, 3-unit with Fibre Storage*	41296-MMW	41296-MMT	41296-MMI	41296-MMG	41296-MME
[I] Surface-Mount Box, holds one 1-unit high module	4M089-1WM	4M089-1IM	4M089-1TM	4M089-1GM	4M089-1EM

* = Surface-mount box is not compatible with 41295-V**, 41292-D**, and 41292-A**.



White



Light Almond



Ivory

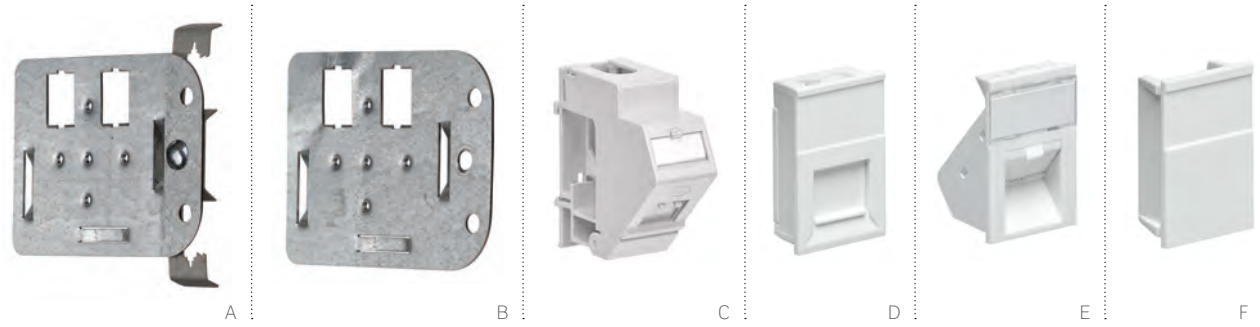


Grey



Black

HOUSINGS & FACEPLATES | QuickPort® In-Ceiling Brackets, In-Floor Bracket & Modules, & Din Rail Snap-In Jack Module



IN-CEILING BRACKET

- Helps create a testable permanent link for cabling that terminates above a drop ceiling without using a traditional wallplate
- Brackets available individually or with pre-installed multi-function clip that attaches to standard drop wire or rod
- VELCRO® Brand tie-down points accommodate cabling slack loops (sold separately, see page D8)
- Plenum-rated QuickPort 1-, 2-, and 4-port surface-mount boxes (sold separately) attach to brackets and are ideal for use in drop ceiling areas

Compatibility References:

See pages C9-C10 for housings, faceplates, and jack compatibility.

DIN RAIL SNAP-IN JACK MODULE

- Ideal for residential, industrial, and enterprise cabling systems
- Easily snaps onto a DIN rail
- Multiple modules can be aligned horizontally in a row, and angled jacks facilitate improved cord routing

FLOORBOX BRACKETS & MODULES

- Floorbox modules and blanks clip into a 1.0-2.0 millimeter thick plate with a standard 22 x 37 millimeter floorbox cut-out
- Modules available in angled and unshielded

QUICKPORT IN-WALL & IN-CEILING BRACKETS

DESCRIPTION	PART NO.
[A] QuickPort In-Ceiling Bracket, includes clip for drop wire/rod mounting	49223-CBC
[B] QuickPort In-Ceiling Bracket, no clip	49223-CB0

DIN RAIL SNAP-IN JACK MODULE

[C] 1-Port DIN Rail Snap-in Jack Module	MMCDINSIJS8
--	-------------

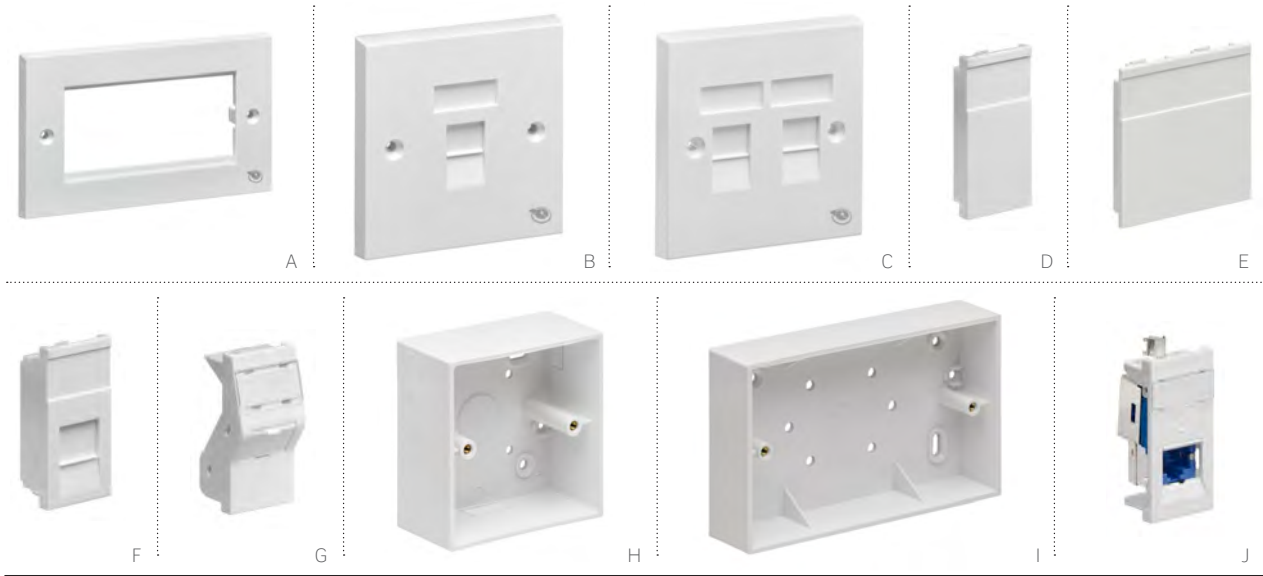
FLOORBOX BRACKETS & MODULES (LJ6C-Style)

6-Port Floorbox Bracket	MMCFBBSIJ645U
9-Port Floorbox Bracket	MMCFBBSIJ945U
[D] 25 x 38 mm Shuttered Floorbox Module	MMCWDO06C001
[E] 25 x 38 mm Angled Shuttered Floorbox Module	MMCANG06C3
[F] 25 x 38 mm Floorbox Blank	MMCBLK06C3
25 x 38 mm Slimline Shuttered Module, Unshielded	GPCSL06CUB03

HOUSINGS & FACEPLATES | Brand-Rex UK-Style Faceplates, Backboxes, & Modules

Brand-Rex Faceplates, Backboxes, & Modules

HOUSINGS & FACEPLATES



UK-STYLE FACEPLATES, BACKBOXES, AND MODULES

- Outlet solutions for wall and trunking applications
- Used with select Brand-Rex Snap-In Jacks and QuickPort® jacks
- UK style faceplates come with M3.5 mounting screws and are available in both modular or shuttered versions
- Backboxes allow surface-mount applications
- Fibre modules available (see page C8)

GIGAPLUS CAT 5E SLIMLINE SHUTTERED MODULES

- Suitable where internal back box space is limited
- Colour-code wiring label included

Compatibility References:

See pages C9-C10 for housings, faceplates, and jack compatibility.

FACEPLATES, BACKBOXES, AND MODULES (UK, INDIA, MIDDLE EAST, AFRICA)

DESCRIPTION	PART NO.
86 x 86 mm Single-Gang Modular Faceplate	MMCWDOUNI030
[A] 86 x 147 mm Double-Gang Modular Faceplate	MMCWDOUNI031
[B] 86 x 86 mm 1- Port Shuttered Faceplate	MMCWDOUNI070
[C] 86 x 86 mm 2- Port Shuttered Faceplate	MMCWDOUNI071
12.5 x 50 mm Faceplate Blank	MMCWDOUNI052
[D] 25 x 50 mm Faceplate Blank	MMCWDOUNI042
[E] 50 x 50 mm Faceplate Blank	MMCWDOUNI040
[F] 25 x 50 mm Shuttered Faceplate Module	MMCWDOUNI062
[G] 25 x 50 mm Angled Faceplate Module	MMCANG0623
50 x 50 mm 1-Port Angled Snap-In Jack Module	MMCANGLGS45002UK
50 x 50 mm 2-Port Angled Snap-In Jack Module	MMCANGLGD45002UK
[H] 44 mm Deep, Single-Gang Backbox	MMCSGBB44001
32 mm Deep, Single-Gang Backbox	MMCSGBB32001
44 mm Deep, Double-Gang Backbox	MMCDGBB44002
[I] 32 mm Deep, Double-Gang Backbox	MMCDGBB32002

GIGAPLUS CAT 5E SLIMLINE SHUTTERED MODULES

DESCRIPTION	UNSHIELDED	SHIELDED
[J] 50 x 25 mm Slimline Shuttered Module, white	GPCSL062UB03	GPCSL062SB03
50 x 25 mm Angled Slimline Shuttered Module, white	GPCSLA62UB03	

HOUSINGS & FACEPLATES | Brand-Rex Continental Outlets, Faceplates, & Modules



SNAP-IN JACK MODULES AND DUAL-ANGLED SNAP-IN JACK MODULES

- Single and double modules accept Brand-Rex Snap-In Jacks, and are compatible with Mosaic™-style faceplates with a 45 x 45 mm aperture
- 80 x 80 mm faceplate offered in Mosaic-style with 45 x 45 mm aperture

Compatibility References:

See pages C9-C10 for housings, faceplates, and jack compatibility.

SNAP-IN JACK MODULES & DUAL-ANGLED SNAP-IN-JACK MODULES (FRANCE, SPAIN, PORTUGAL)

DESCRIPTION	PART NO.
[A] 1-Port Snap-In-Jack Module	MMCUNILGS45001
[B] 2-Port Snap-In-Jack Module	MMCUNILGD45001
[C] 1-Port Angled Snap-In-Jack Module 45 x 45 mm	MMCANLGS45002
[D] 2-Port Angled Snap-In-Jack Module 45 x 45 mm	MMCANLGD45002
80 x 80 mm Mosaic-Style Faceplate	MMCWDOUNI115
80 x 80 mm Backbox	MMCWDOUNI116

Brand-Rex
Snap-In Jack Modules

HOUSINGS & FACEPLATES

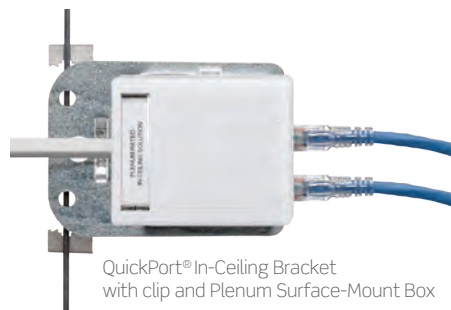
SPOTLIGHT

In-Ceiling System for Wireless Access Points



In-Ceiling System provides a fixed location for terminating a data jack, creating a more reliable and consistent connection than a direct connect plug. This fixed connection also reduces the possibility of damage during construction.

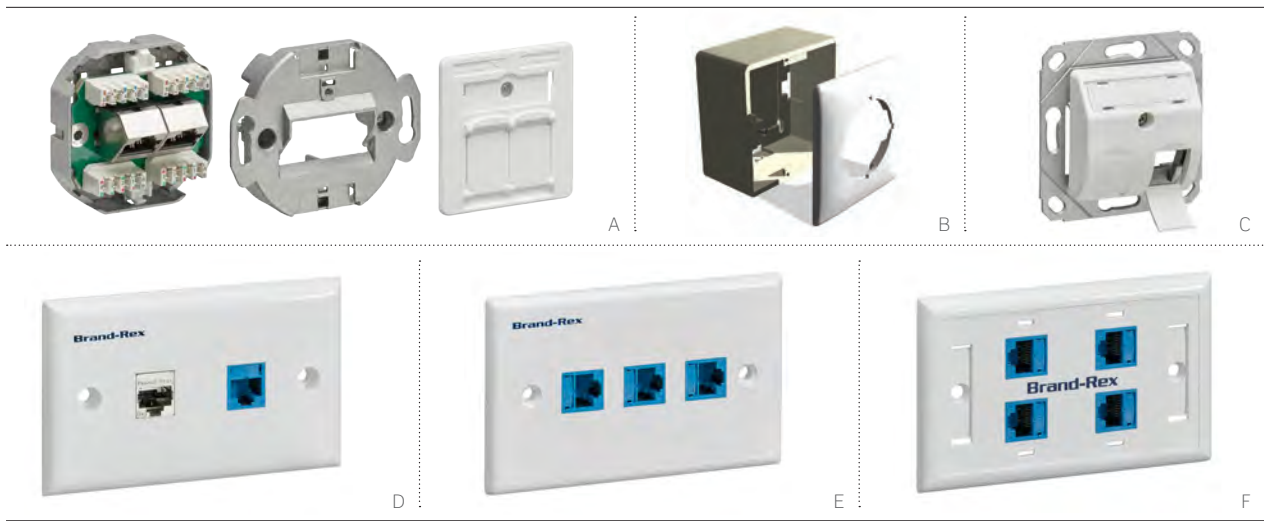
The system of plenum-rated jacks, boxes, and brackets provides a testable permanent link in drop ceilings to WAPs, while allowing the flexibility to move the In-Ceiling Bracket to refine Wi-Fi® coverage.



Plenum-Rated
Surface-Mount QuickPort Boxes

QuickPort® In-Ceiling Bracket
with clip and Plenum Surface-Mount Box

HOUSINGS & FACEPLATES | Brand-Rex Continental Outlets, Faceplates, & Modules



GERMAN-STYLE OUTLETS

- Shielded Modules can be flush or wall mounted using the 80 x 80 mm Faceplate and Back Box
- 50 x 50 mm Snap-in-Jack Modules have angled design to reduce bending stresses on cable
- GigaPlus® Cat 5e Module allows for horizontal or vertical cable entry, fits a variety of custom faceplate styles

70 X 115 MM FACEPLATES

- 2-, 3-, 4-, and 6-port Italian-style faceplates
- 4-port faceplate includes options for icon placement
- 2-port faceplate offered in horizontal alignment
- Connectors sold separately

Compatibility References:

See pages C9-C10 for housings, faceplates, and jack compatibility.

EUROPEAN-STYLE OUTLETS (GERMANY)

DESCRIPTION	WHITE	IVORY
1-Port Cat6Plus® Shielded Module	18870NB	18870NA
[A] 2-Port Cat6Plus Shielded Module	18879NB	18879NA
[B] 80 x 80 mm Faceplate and Back Box	07058GF	07058GE
2-Port 10GPlus® Cat 6A Shielded Module	AC6G245SU002	AC6G245U001
1-Port 50 x 50 mm German-style Snap-in-Jack Module	MMCANGDK1453	
[C] 2-Port 50 x 50 mm German-style Snap-in-Jack Module	MMCANGDK2453	
3-Port 50 x 50 mm German-style Snap-in-Jack Module	MMCANGDK3453	
80 x 80 mm S95 Type Faceplate	18985JW	18985JV
2-Port GigaPlus Cat 5e Module	GPCG245SU002	GPCG245SU001

70 X 115 MM FACEPLATES (ITALY)

DESCRIPTION	PART NO.
[D] 70 x 115 mm 2-Port Horizontal Faceplate with Brand-Rex logo	MMCUSIJ2002LO
[E] 70 x 115 mm 3-Port Faceplate with Brand-Rex logo	MMCUSIJ3001LO
70 x 115 mm 4-Port Faceplate with Brand-Rex logo	MMCUSIJ4001LO
[F] 70 x 115 mm 4-Port Faceplate with Brand-Rex logo and options for icons	MMCUSIJ4001LOICO
70 x 115 mm 6-Port Faceplate with Brand-Rex logo	MMCUSIJ6001LO

HOUSINGS & FACEPLATES | Brand-Rex 45 mm & 50 mm Fibre Modules



45 X 45 MM & 50 X 50 MM FACEPLATE FIBRE MODULES

- For installation poles, wall trunking and back boxes
- Offered in Euro style (45 x 45 mm) and UK style (50 x 50 mm)
- Available in LC, SC, single-mode, and multimode

45 X 45 MM FIBRE FACEPLATE MODULES (FRANCE, SPAIN, PORTUGAL)

DESCRIPTION	PART NO.
[A] 45 x 45 mm Fibre Faceplate Module, LC quad Multimode	FPCANGL4MM3
[B] 45 x 45 mm Fibre Faceplate Module, LC duplex Multimode	FPCANGLCMM3
[C] 45 x 45 mm Fibre Faceplate Module, LC quad Single-mode	FPCANGL4SM3
[D] 45 x 45 mm Fibre Faceplate Module, LC duplex Single-mode	FPCANGLCSM3
45 x 45 mm Fibre Faceplate Module, SC duplex Multimode	FPCANGDCMM3
45 x 45 mm Fibre Faceplate Module, SC duplex Single-mode	FPCANGDCSM3

50 X 50 MM FACEPLATE MODULES (UK, INDIA, MIDDLE EAST, AFRICA)

50 x 50 mm Fibre Faceplate Module, LC quad Multimode	FPCANGL4MM3UK
50 x 50 mm Fibre Faceplate Module, LC duplex Multimode	FPCANGLCMM3UK
50 x 50 mm Fibre Faceplate Module, LC quad Single-mode	FPCANGL4SM3UK
50 x 50 mm Fibre Faceplate Module, LC duplex Single-mode	FPCANGLCSM3UK
50 x 50 mm Fibre Faceplate Module, LC APC duplex Single-mode	FPCANGALSM3UK
50 x 50 mm Fibre Faceplate Module, SC APC duplex Single-mode	FPCANGADSM3UK
50 x 50 mm Fibre Faceplate Module, SC duplex Multimode	FPCANGDCMM3UK
50 x 50 mm Fibre Faceplate Module, SC duplex Single-mode	FPCANGDCSM3UK

HOUSINGS & FACEPLATES | Jack & Housing Compatibility

Use the chart below to check compatibility between our category-rated jacks, AV inserts, and housings.

- ✓ = Compatible
- ✗ = Not compatible

Jack & Housing
Compatibility

HOUSINGS & FACEPLATES

FACEPLATES / HOUSINGS



Multimedia Outlet System (MOS) Surface-Mount Box
41296-MMx



QuickPort® Surface-Mount Boxes
41089 Series



QuickPort Surface-Mount Boxes, Extended Depth
4S089 Series



QuickPort In-Ceiling Bracket
49223-CBx



86 x 86 mm Faceplates
MMCWDOUNI070
MMCWDOUNI071



25 x 38 mm Floorbox Modules
MMCWDO06C001
MMCANG06C3



25 x 50 mm Faceplate Modules
MMCANG0623
MMCWDOUNI062



45 x 45 mm and 50 x 50 mm Snap-In Jack Modules
MMCANGLGD45002
MMCANGLGD45002UK



50 x 50 mm German-Style
MMCANGDK2453
*MMCANGDK3453 only compatible with tool-free shielded jack



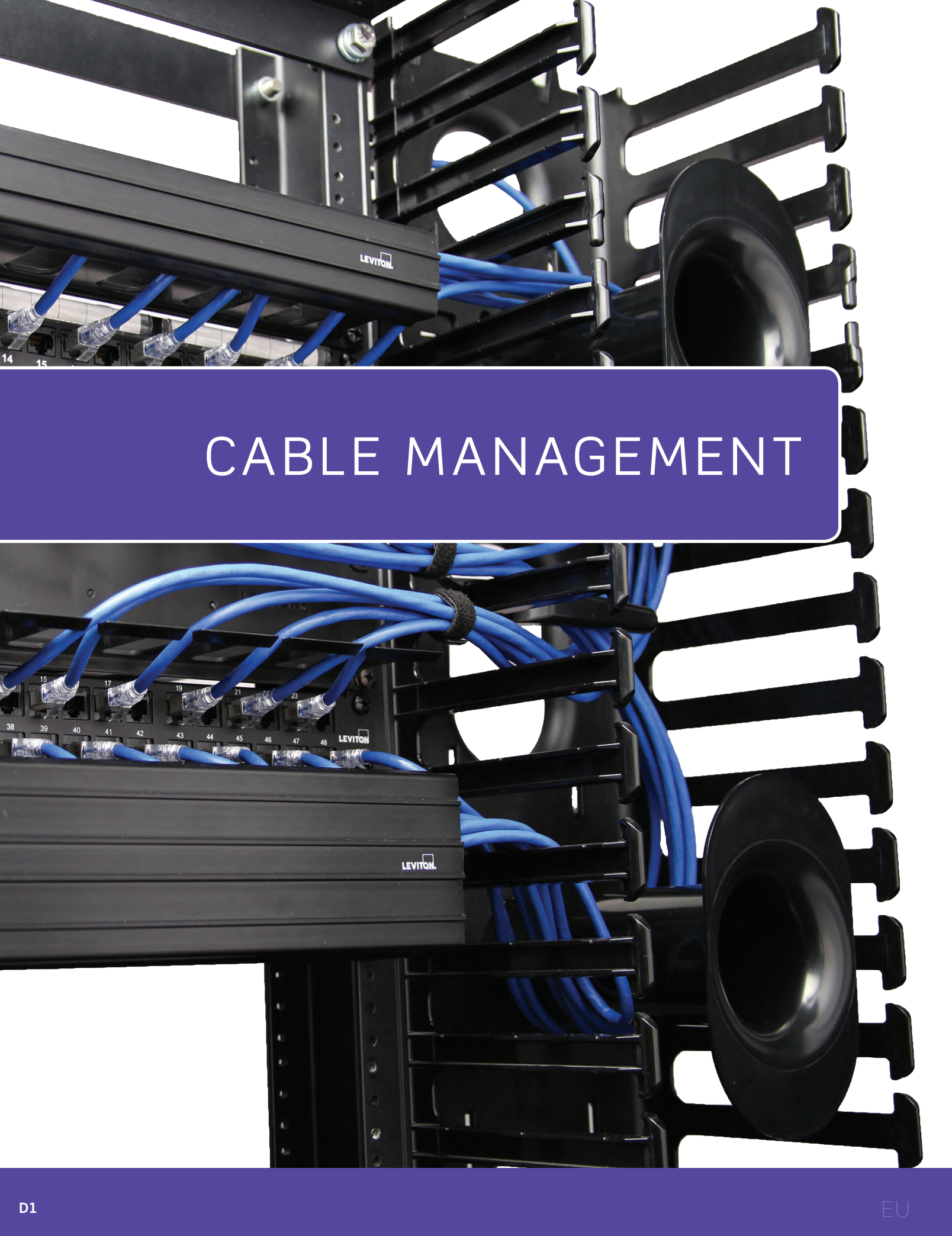
DIN Rail Jack Module
MMCDINSJS8

HOUSINGS & FACEPLATES | Jack & Housing Compatibility

JACKS & INSERTS (see pages A8 - A16)						
QuickPort®	Multimedia Outlet System	Tool-Free Shielded	Tool-Free UTP	Punchdown Shielded	Punchdown UTP	Punchdown UTP
						
Atlas-X1™ eXtreme® AV	AV Fibre	10GPlus® Cat 6A Cat6Plus® Cat 6	10GPlus Cat 6A Cat6Plus Cat 6 GigaPlus® Cat 5e	10GPlus Cat6Plus GigaPlus Cat 5e	10GPlus LSA Cat6Plus Cat 6 GigaPlus Cat 5e	110-Style Lead Frame Cat 5e
X	✓	X	X	X	X	X
✓	X	X	X	X	X	✓
✓	X	X	✓	X	X	✓
✓	X	✓	✓	✓	✓	✓
✓	X	✓	✓	✓	✓	✓
✓	X	✓	✓	✓	✓	✓
✓	X	✓	✓	✓	✓	✓
✓	X	✓	✓	X	X	✓
✓	X	✓	✓	✓	✓	✓
X	X	✓	✓	X	X	X

Jack & Housing Compatibility

HOUSINGS & FACEPLATES

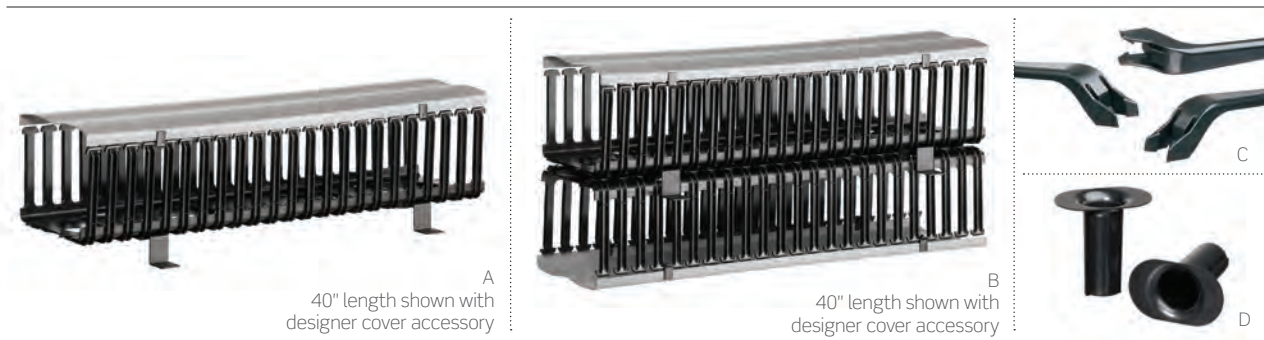


CABLE MANAGEMENT

SECTION D CONTENTS

- D3** Versi-Duct® Cable Management System
- D5** Horizontal Cable Managers
- D6** Rear Cable Managers, Blanks, & Transitional Covers
- D7** Rings & Brackets
- D8** VELCRO® Brand Fasteners
- D10** Zone Enclosures

CABLE MANAGEMENT | Versi-Duct® Vertical Management



VERSI-DUCT CABLE MANAGEMENT SYSTEM

The innovative system for copper and fibre installations fits on any standard equipment rack, and accessories enable a wide range of configurations.

VERSI-DUCT 8" CHANNEL CABLE MANAGEMENT

- Ideal for today's large-scale deployments and Cat 6A installations with typical larger-diameter cable
- 80-inch channel ships in two 40-inch pieces for easier handling and installation
- Channels available with standard black cover
- Designer cover (grey) available as an accessory
- Channels include mounting bracket kit and two covers, one slack-loop organiser, and one cable retainer, per 80-inch side (front or front/rear)
- Covers feature integrated dual-hinge for easy accessibility
- Channels can be side- or centre-mounted for better space utilisation
- Large finger-passthrough space aligns with rack units

VERSI-DUCT 8" CHANNEL VERTICAL CABLE MANAGEMENT & ACCESSORIES

DESCRIPTION	FRONT ONLY	FRONT & REAR
Vertical 80" length, 8" W x 8" D channel, standard black cover, hinged [A]	8980L-VFO*	[B] 8980L-VFR
Vertical 40" Cover, 8" W, black (set of 4)	—	8940L-SRC
Vertical 40" Designer Cover, 8" W, grey (set of 2)	—	89265-8DC
Vertical Centre Mounting Bracket, 8" W channel (bag of 4)	—	89265-BKT
Vertical Cable Retainer, 8" W channel (bag of 6)	—	[C] 89265-WR1
Vertical Slack Loop Organiser, 8" W channel (package of 2)	—	[D] 89265-SL1

* = Rear retrofit not available.

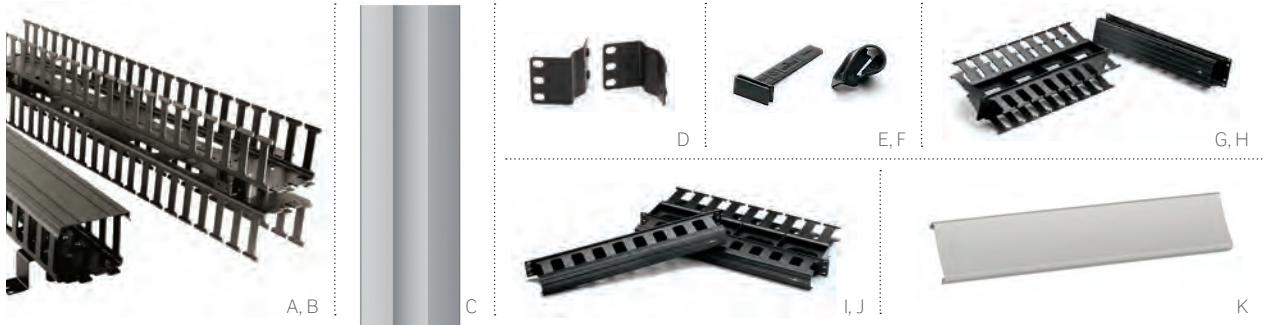
8" VERSI-DUCT CAPACITY CHART

Use the chart below to determine maximum recommended cable capacity for 8" Versi-Duct managers, based on average cable outside diameter. To ensure proper bend radius and space for future additions, do not fill to capacity at initial installation.

FEATURE	CHANNEL DEPTH (WxD)	USABLE AREA (IN²)	CAT 6A CAPACITY (.330" CABLE)	CAT 6 CAPACITY (.230" CABLE)	CAT 5E CAPACITY (.185" CABLE)
8" Channel Size	7.88" x 6.9"	54.3	159	327	505
Finger Spacing	5.5" x 1"	5.5	24	50	77
Large Passthrough	4.8" x 2.6"	11.2	49	101	156
Small Passthrough	2.6" dia.	5.3	23	48	74



CABLE MANAGEMENT | Versi-Duct® Vertical & Horizontal Management



VERSI-DUCT 5" CHANNEL CABLE MANAGEMENT

- 80-inch channel ships in two 40-inch pieces for easier handling and installation
- Interlocking tabs maintain flush channel alignment
- Finger spacing aligns with rack units

VERSI-DUCT HORIZONTAL CABLE MANAGEMENT

- Fits all standard 19-inch racks
- Includes bend-radius-compliant clips
- Finger spacing aligns with patch panel port openings to better manage patch cords



Mount the Slack Loop Organiser on the duct fingers to manage excess cables.

VERSI-DUCT 5" CHANNEL VERTICAL CABLE MANAGEMENT & ACCESSORIES

DESCRIPTION	FRONT ONLY	FRONT & REAR
Vertical 80" length, 5" W x 4" D channel, standard snap-on black cover (included)	4980L-VFO+	4980L-VFR
Vertical 40" length, 5" W x 4" D channel, standard snap-on black cover (included)	[A] 4940L-VFO+	[B] 4940L-VFR
Vertical 40" Cover, 5" channel, snap-on, black (set of 4)	—	4940L-SRC
Vertical 40" Designer Cover, 5" channel, snap-on, grey (set of 2)	—	[C] 59265-5DC
Vertical Centre Mounting Bracket, 5" channel (set of 2)	—	[D] 49265-BKT
Versi-Duct Slack Loop Organiser (set of 2)	—	49265-SL1
Versi-Duct Slack Loop Organiser (extended) (set of 2)	—	49265-SL2

VERSI-DUCT HORIZONTAL CABLE MANAGEMENT & ACCESSORIES

Horizontal Manager, 2RU, 3" W x 3" D front, 2" W x 4" D rear*, with cover	[G] 492RU-HFO	[H] 492RU-HFR
Horizontal Manager, 1RU, 1.5" W x 3" D front, 1.5" W x 4" D rear*, with cover	[I] 491RU-HFO	[J] 491RU-HFR
Horizontal Designer Cover, 2RU, snap-on, grey	—	[K] 49265-DC2
Horizontal Designer Cover, 1RU, snap-on, grey	—	49265-DC1
Horizontal Cable Retainer (10 per package)	—	[E] 49265-WR1
Horizontal Cover Hinge (4 per package)	—	[F] 49265-HNG

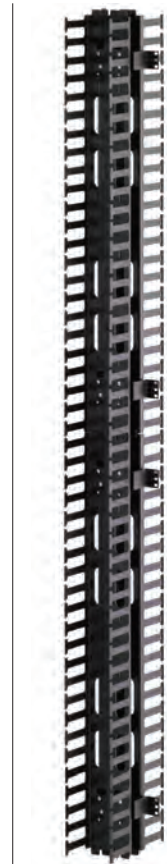
† = Rear retrofit not available.

* = Bend radius clips included.

5" VERSI-DUCT CAPACITY CHART

Use the chart below to determine maximum recommended cable capacity for 5" Versi-Duct managers, based on average cable outside diameter. To ensure proper bend radius and space for future additions, do not fill to capacity at initial installation.

FEATURE	CHANNEL DEPTH (WxD)	USABLE AREA (IN ²)	CAT 6A CAPACITY (.330" CABLE)	CAT 6 CAPACITY (.230" CABLE)	CAT 5E CAPACITY (.185" CABLE)
5" Channel Size	4.75" x 3.9"	18.5	54	111	172
Finger Spacing	3" x 1"	3.0	13	27	42
Passthrough	3.5" x 1"	3.5	15	32	49



CABLE MANAGEMENT | Horizontal Cable Managers

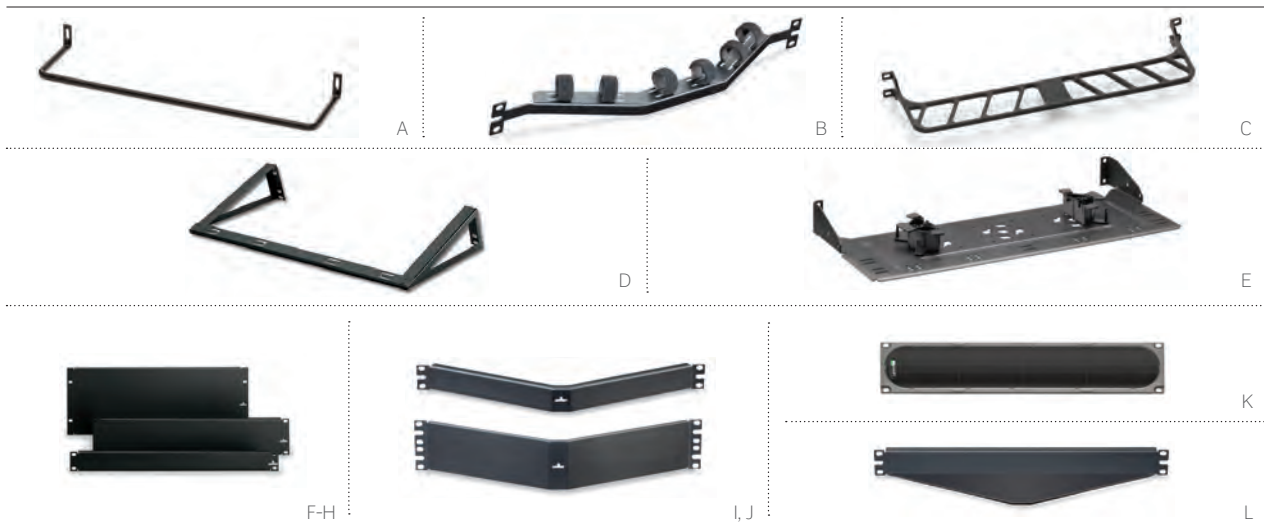


HORIZONTAL CABLE MANAGERS

- Available in 1RU, 2RU, and 4RU sizes
- All mount to standard 19-inch racks and cabinets
- 4RU manager includes a shelf to support patch cords
- Horizontal managers support transition to vertical management
- Combo Manager offers front and rear management
- Composite Blank Panel includes cable managers for high-density installations

HORIZONTAL CABLE MANAGERS				
DESCRIPTION	FLAT	ANGLED	RECESSED-FLAT	
Horizontal, 1RU, 4" metal rings	[A] 49253-LPM	[B] 49254-LPM	—	
Horizontal, 2RU, 4" metal rings	49253-BCM	49254-BCM	—	
Horizontal, 2RU, 2" metal rings	49253-2CM	—	—	
Horizontal, 4RU, 4" metal rings	[C] 49253-4CM	—	—	
Horizontal, 1RU, 6" metal rings	49253-6PM	—	—	
Horizontal, 2RU, 6" metal rings	49253-6MR	—	—	
Horizontal, 4RU, 6" metal rings	49253-6CM	—	—	
Horizontal Cable Manager Cover, 1RU	[D] 49253-1CV			
Horizontal Cable Manager Cover, 2RU	[E] 49253-2CV			
Horizontal Cable Manager Cover, 4RU	49253-4CV	—	—	
Horizontal, 1RU 5 cm metal rings, Brand-Rex, grey	MMCACCCM101			
Horizontal, 1RU 5 cm metal rings, Brand-Rex, black	[F] MMCACCCM001			
Horizontal, 1RU 8 cm metal rings, Brand-Rex, grey	MMCACCCM108			
Horizontal, 1RU 8 cm metal rings, Brand-Rex, black	MMCACCCM008			
Horizontal with brush centre, 1RU, Brand-Rex, grey	MMCACCCM106			
Horizontal with brush centre, 1RU, Brand-Rex, black	[G] MMCACCCM006			
Recessed Horizontal Manager, 1RU, 3" metal rings	—	—	[H] 49253-RCM	
Combo Front and Rear Manager, 2RU	[I] 49252-PCM	—	—	
VELCRO® Brand Horizontal Manager, 1RU	[J] 41150-019	—	—	
Tie Wrap Bar, 1" H x 1.5" D	[K] 49258-TWB	—	—	
Composite Blank Panel / Cable Manager, 2RU	[L] C1253-2CM	—	—	

CABLE MANAGEMENT | Rear Cable Managers, Blanks, & Transitional Covers



REAR CABLE MANAGEMENT BARS

- Standard Flat Cable Management Bar attaches to patch panel
- Angled bars attach to rack
- High-Density Cable Management Bar supports heavy loads of cable and mounts on front or rear of rack
- Rear Cable Management Bar for active equipment offers extended depth for power cord support and cutouts for air circulation
- e2XHD Rear Cable Manager for flat panel attaches to rack, includes rings to help manage and route incoming fibre cables, and supports any Leviton panel (see page A23 or B27 for more details)

BLANK PANEL INSERTS

- Provide a seamless look and designate rack space for future expansion

TRANSITIONAL COVERS

- Provide clean, aesthetic transition from angled patch panels to flat equipment
- Improve thermal management

REAR CABLE MANAGEMENT BARS

DESCRIPTION	FLAT	ANGLED
Standard Cable Management Bar	[A] 49005-CMB	[B] 49006-AMB
High-Density Cable Management Bar, 1RU	[C] 49005-DMB	—
Rear Cable Manager for Active Equipment, 2RU	[D] 41188-SM2	—
e2XHD Rear Cable Manager, with cable management rings (four ¼" rings)	[E] E2X1F-CMB	E2XHD-CMB

BLANK PANEL INSERTS

Blank Panel, 1RU	[F] 49254-BP1	[I] 49254-BA1
Blank Panel, 2RU	[G] 49254-BP2	[J] 49254-BA2
Blank Panel, 4RU	[H] 49254-BP4	
Blank Panel, 1RU, Brand-Rex, grey	MMCACCCM104	
Blank Panel, 1RU, Brand-Rex, black	MMCACCCM004	
Blank Panel, 2RU, Brand-Rex, grey	MMCACCCM105	
Blank Panel, 2RU, Brand-Rex, black	MMCACCCM005	
Composite Blank Panel / Cable Manager, 2RU	[K] C1253-2CM	

TRANSITIONAL COVERS

Transitional Cover, 1RU	[L] 49254-BC1
-------------------------	----------------------

CABLE MANAGEMENT | Rings & Brackets



CABLE MANAGEMENT RINGS

- Vertical Management Rings are an open-ring solution that can be installed in tight spaces and smaller deployments
- Mounting Tie Bracket allows rings to be positioned between racks
- Vertical Transition Rings are used for vertical and horizontal cable management and are compatible with flat and angled panels

HINGED WALL-MOUNT BRACKETS

- Designed for installations where space is constrained and racks are not used
- Six-inch deep brackets allow for proper cable management

FRONT HINGED BRACKET

- Simplifies process of terminating cables to rear of patch panels when access is limited
- Easy-access quick-release latches drop to 90-degree and 120-degree positions
- Rack or wall mountable

CABLE MANAGEMENT RINGS	
DESCRIPTION	PART NO.
[A] 3" Vertical Management Rings	49260-MR3
[B] 6" Vertical Management Rings	49260-MR6
[C] Mounting Tie Bracket	49261-BKT
[D] Vertical Transition Rings for Angled Panels, 2RU	49262-HR1
[E] Side Mounted, Vertical, Brand-Rex	MMCACCCM002
HINGED WALL-MOUNT BRACKETS	
[F] Hinged Wall-Mount Bracket, 2RU, 6" depth	49251-W62
Hinged Wall-Mount Bracket, 3RU, 6" depth	49251-W63
Hinged Wall-Mount Bracket, 4RU, 6" depth	49251-W64
FRONT HINGED BRACKET	
[G] Front Hinged Bracket, 3RU	49400-FHB



VELCRO® BRAND TIE WRAPS

- Available in 5-, 8-, and 12-inch lengths (0.5-inch width)
- Slot helps secure fastening without overtightening
- All wraps come with 25 units per roll

Maroon products UL Listed for use in plenum or air handling spaces per National Electric Code (NEC) Section 300.

VELCRO® BRAND WRAPS – BULK ROLLS

- Available in 15-, 75-, and 600-foot bulk rolls (0.5-inch width)
- Cut to desired length

VELCRO® BRAND WRAPS – SOFTCINCH LITE ROLLS

- Thinner depth for smaller bundles
- Tear by hand for quick application
- Available in 75-foot roll (0.5-inch width)

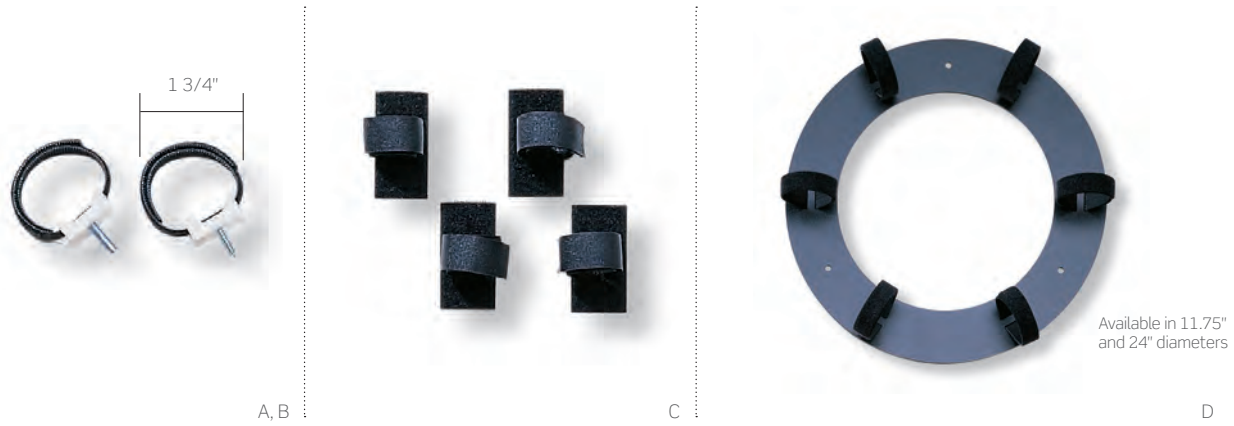
VELCRO® BRAND CABLE FASTENERS					
DESCRIPTION	BLACK	BLUE	YELLOW	ORANGE	MAROON (PLENUM RATED)
[A] Tie Wrap, 5" (25 units per roll)	43105-005	—	—	—	—
[B] Tie Wrap, 8" (25 units per roll)	43108-008	—	—	—	—
[C] Tie Wrap, 12" (25 units per roll)	43112-012	—	—	—	—
[D] Bulk Roll, 15'	43115-015	—	—	—	—
[E] Bulk Roll, 75'	43115-075	43115-75L	43115-75Y	43115-75O	43115-75P
[F] Bulk Roll, 600'	43115-600	—	—	—	—
[G] SoftCinch Lite Roll, 75'	4S115-75E	—	—	—	—



VELCRO® Brand

CABLE MANAGEMENT

CABLE MANAGEMENT | VELCRO® Brand Utility Fasteners



VELCRO® BRAND UTILITY FASTENERS

- Saddle ties attach to wood surfaces, relay racks, and enclosures
- Saddle ties are 8 3/8 inches in length
- Workstation loops, with 1 1/4-inch diameter, attach with convenient, peel-off adhesive
- Storage rings for inside and outside plant ensure copper and fibre optic bend radius; loops included

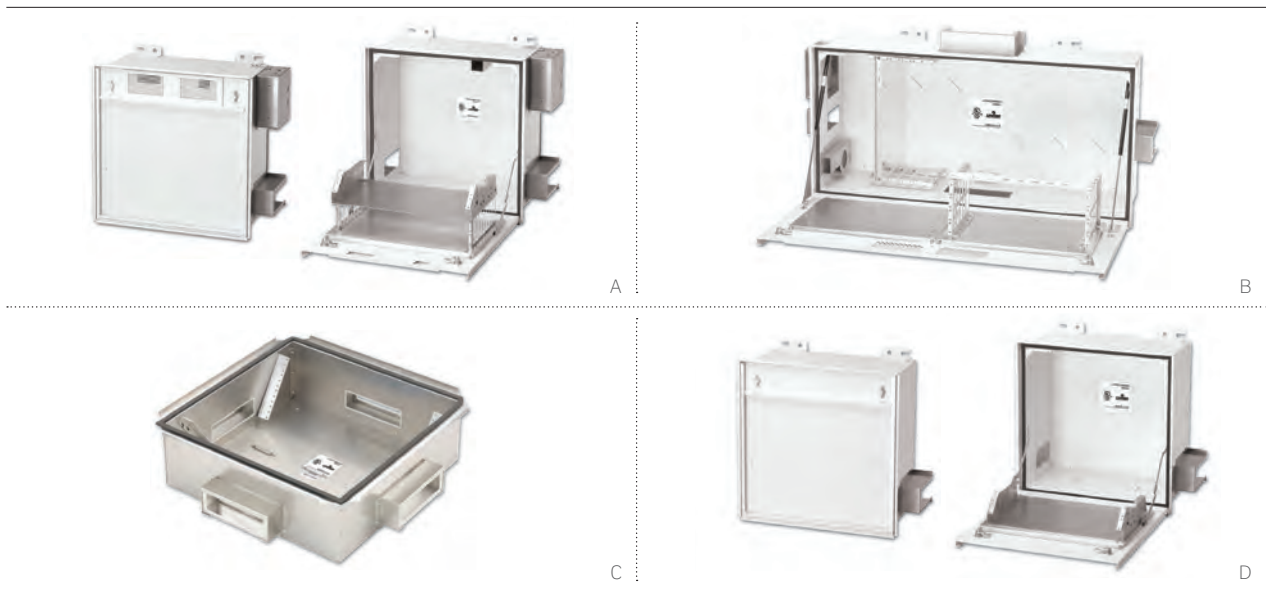
VELCRO® BRAND UTILITY FASTENERS	
DESCRIPTION	PART NO.
[A] Saddle Ties with 10/32 metal rack screws (10 per pack)	41020-SPR
[B] Saddle Ties with #8 wood screws (10 per pack)	41010-SPW
[C] Workstation Loops with peel-off adhesive (25 per pack)	41225-SAP
Storage Rings, Inside Plant, 11.75" diameter	48900-IFR
[D] Storage Rings, Outside Plant, 24" diameter	48900-OFR

SPOTLIGHT

Cincinnati Bell Technology Solutions (CBTS) Scores with Comprehensive Data Centre Services



CBTS counts several hundred Cincinnati-area businesses, from small shops to Fortune 500 companies, among its customers. And with a constant demand for colocation and virtual data centre services, CBTS required a top-quality infrastructure to achieve the reliability needed for expanding its critical data centre environment. After evaluating several options, CBTS chose Leviton connectivity for its quality, reliability, and outstanding performance. Plus, in addition to meeting needs, Leviton took it one step further by developing its custom solutions for unique data centre applications.



ZONE ENCLOSURES

- Provide flexible consolidation points in ceiling or floor
- Simplify moves, adds, and changes (MACs)
- Plenum rated and includes fire-rated foam sealing kits
- Significant reduction in cable pathway loading
- Use as a telecom enclosure (TE) for cabling flexibility

2' X 2' PASSIVE RAISED-FLOOR ENCLOSURES

- Fit in air-handling space under 8-inch raised floors
- House two 4RU (8RU total) racks for standard 19-inch components
- Rotating patch panel mounting provides easy access to rear of panels

CEILING ENCLOSURES

- Install flush with drop ceiling
- Fully hinged drop-down doors support installed equipment and open to face technician
- Active and passive styles available
- Mount into standard 2' x 2' and 2' x 4' ceiling tiles
- Active enclosures include AC power back box and venting for active equipment

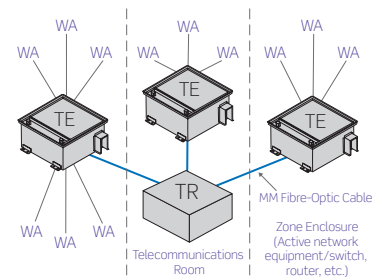
ZONE ENCLOSURES	
DESCRIPTION	PART NO.
[A] Active Ceiling Enclosure, 2' x 2', 2RU active and 5RU passive space	Z1000-AC2
[B] Active Ceiling Enclosure, 2' x 4', 4RU active and 10RU passive space	Z1000-AC4
[C] Passive Raised-Floor Enclosure, 8" depth, 8RU passive space	Z1000-PF2
[D] Passive Ceiling Enclosure, 2' x 2', 5RU passive space	Z1000-PC2

SPOTLIGHT

Zone Cabling Design Benefits

In a **zone cabling design**, cables are routed from the telecommunications room (TR) to appropriately placed telecommunications enclosures (TE). Cabling is then run from the zone enclosure to each work area (WA). In an Active Zone Enclosure System, a single fibre run can support dozens of work areas, significantly reducing cable pathway loading and TR space requirements. Zone cabling designs are ideal for open office architecture. Zone cabling benefits include:

- Maximum infrastructure flexibility
- Improved network performance
- Simplified moves, adds, and changes
- Reduced floor space usage
- Significantly reduced cost of ownership





SMARTPATCH®
INTELLIGENT INFRASTRUCTURE

SECTION E CONTENTS

SMARTPATCH®	E3	Introduction
INTELLIGENT		
INFRASTRUCTURE	E4	Software
MANAGEMENT		
SOLUTIONS	E7	System Components
	E8	Accessories

SMARTPATCH

INTELLIGENT INFRASTRUCTURE MANAGEMENT SOLUTIONS



Introduction

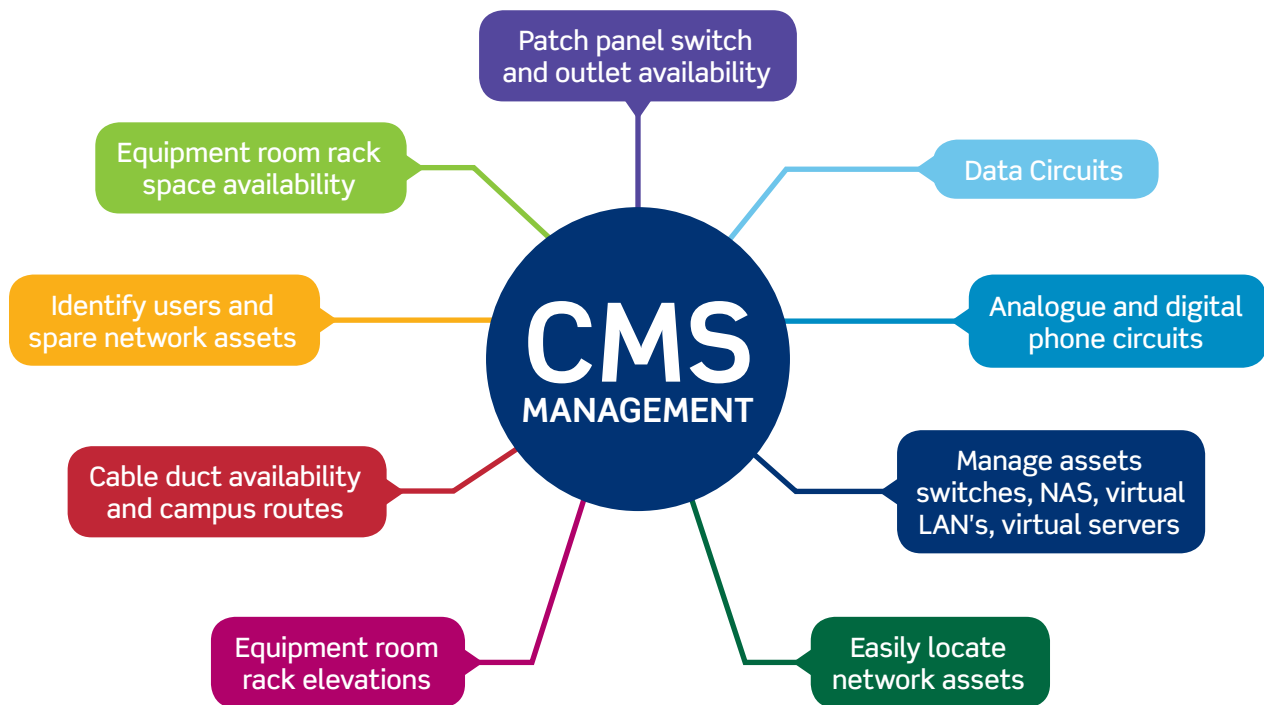
SMARTPATCH

At the core of any IT Service Management framework are processes for configuration, change, and incident management. It is vital to maintain accurate and timely information to ensure the effectiveness and quality of these efforts.

SmartPatch provides simple and controlled management and recording of common network changes such as those resulting from office moves and terminal additions. The system also gives multisite businesses the tools to effectively monitor and manage all sites from a central location.

SmartPatch is widely recognised for the many benefits it delivers:

- Robust network management services
- Reduced cost and increased effectiveness of IT operations
- A platform for high availability
- Improved customer responsiveness
- Improved information quality
- Enhanced physical security



CONNECTIVITY MANAGEMENT SOFTWARE (CMS)

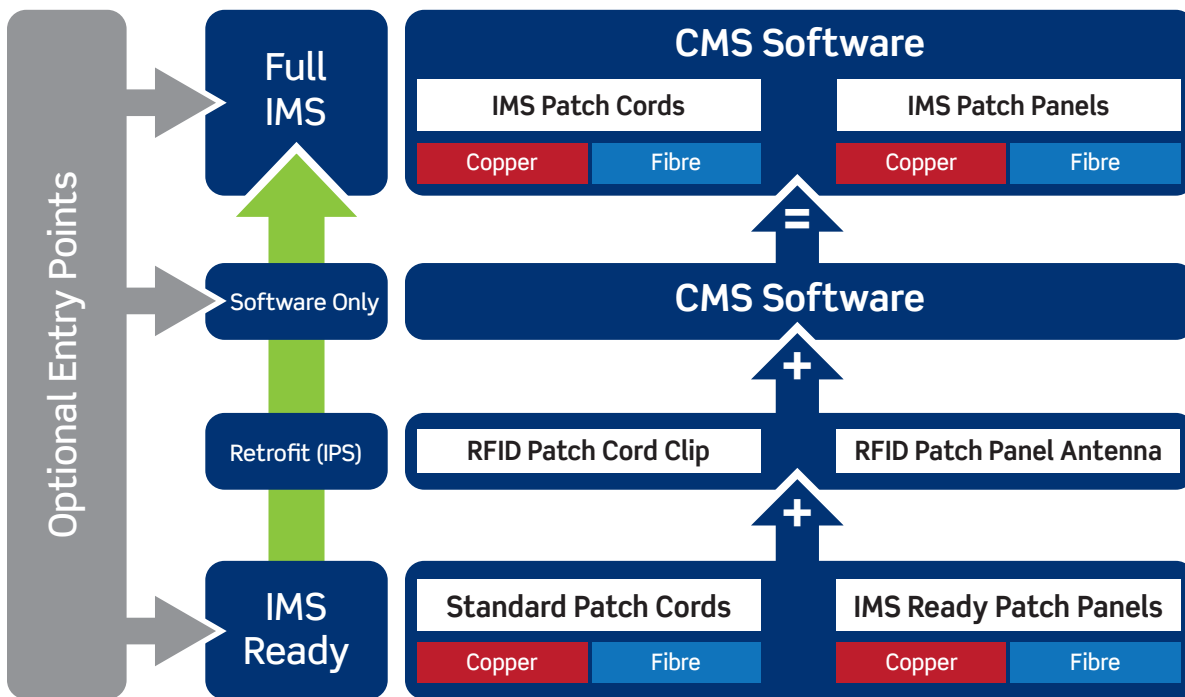
SmartPatch connectivity management software (CMS) can be used as a standalone offering to support your end-to-end infrastructure, or combined with the SmartPatch intelligent patching system to fully support data centre, outside plant, or office network management. The software allows the monitoring and management of physical connectivity, and its fully transparent API means that real-time information can also be integrated into the most commonly available networks, facilities, configurations, and helpdesk management applications.

The software also allows IT managers to establish a named cable path from one part of the network to another. The user-friendly interface allows IT managers to quickly identify and inspect connections within splice enclosures, patch panels, optical network devices, and passive optic network (PON) splitters.

The named circuit can be managed as a single entity within the network, and can include point-to-point connectivity between the central office, NOC or POP, and a customer site. The CMS also allows maps, drawing files, PDFs, and images to be imported, ensuring you can customise the network relative to specific area and location requirements.

The Connectivity Management interface allows you to:

- Generate and maintain campus map layouts
- Design and manage your campus backbone cabling
- Visualise the paths of cables through a campus
- Easily manage fibre backbone availability
- Manage cabling and assets in manholes
- Manage fibre splicing and air-blown fibre
- Generate routes for new cables



SmartPatch CMS easily manages assets and connectivity from equipment rooms and data centre floors to the workspace environment while also efficiently supporting the physical network, allowing users to:

- Manage end-user space in collocation data centres
- Manage and plan rack-space usage and power consumption
- Manage the lifecycle of data centre assets
- Manage data centre floor space
- Manage the impact of loss of power and network connectivity
- Manage moves, adds, and changes efficiently
- Data mine assets and connectivity for engineering and management reporting

IN-HOUSE SOFTWARE

CMS SOFTWARE (IN-HOUSE)		
DESCRIPTION	PART NO.	
SmartPatch enhanced software - Server-In-house-20 racks	IPSSWSVR20R	Basic Requirement*
SmartPatch enhanced software - Server - In-house - Racks Expansion to 30 racks (10 racks expansion)	IPSSWSVRA1RE	Extension package possibilities when using IPSSWSVR20R as the basic requirement
SmartPatch enhanced software - Server - In-house - Racks Expansion from 31 to 390 racks (10 racks expansion from 31 to 390 racks)	IPSSWSVRA2RE	
SmartPatch enhanced software - Server-In-house - Racks Expansion from 391 racks (10 racks expansion from 391 racks)	IPSSWSVRA3RE	
SmartPatch Managed Ports 500 ports	IPSSWSVRA5P	

SMARTPATCH Software

IN-HOUSE SOFTWARE (continued)

FEATURE UPGRADE CMS SOFTWARE (IN-HOUSE)		
DESCRIPTION	PART NO.	
SmartPatch enhanced software - Server - In-house - Feature Upgrade to 30 racks	IPSSWSVRA1RFU	Upgrade package possibilities when using IPSSWSVR20R as the basic requirement
SmartPatch enhanced software - Server - In-house - Feature Upgrade from 31 to 390 racks (10 racks expansion from 31 to 390 racks)	IPSSWSVRA2FU	
SmartPatch enhanced software - Server - In-house - Feature Upgrade from 391 racks (10 racks expansion from 391 racks)	IPSSWSVRA3FU	
CMS BRIDGE SOFTWARE (IN-HOUSE)		
SmartPatch enhanced software - Server - In-house - GIS integration	IPSSWSVRGSI	System integration possibilities when using IPSSWSVR20R as the basic requirement
SmartPatch enhanced software - In-house - Switch Data Synchronisation Bridge	IPSSWSVRSDIB	
SmartPatch enhanced software - Server - In-house - Data Integration Bridge	IPSSWSVRDIB	
CMS SUPPORT		
SmartPatch enhanced software - Service Agreement	IPSSWSVRSAE	

SOFTWARE AS A SERVICE

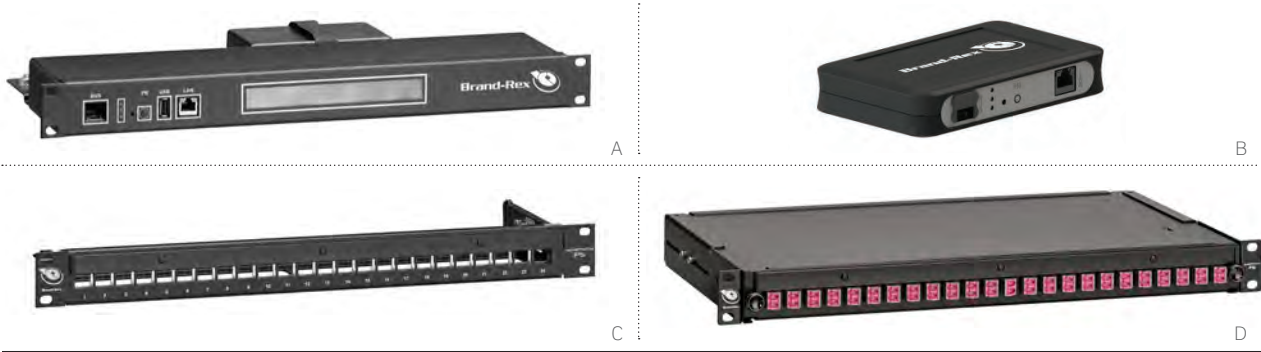
CMS SOFTWARE (SAAS)		
SmartPatch enhanced software - SAAS - 20 racks annual contract	IPSSWSVR20R-CA	Basic Requirement*
SmartPatch enhanced software - SAAS Expansion to 30 racks annual contract (10 racks expansion SaaS)	IPSSWSVRA1RE-CA	Extension package possibilities when using IPSSWSVR20R-CA as the basic requirement
SmartPatch enhanced software - SAAS Expansion from 31 to 390 racks (10 racks expansion SaaS)	IPSSWSVRA2RE-CA	
SmartPatch enhanced software - SAAS Expansion from 391 racks (10 racks expansion SaaS)	IPSSWSRVA3RE-CA	
SmartPatch Manage Managed Ports software - SAAS 500 ports year contract	IPSSWSVRA5P-CA	
FEATURE UPGRADE CMS SOFTWARE (SAAS)		
SmartPatch enhanced software - SAAS Feature Upgrade to 30 racks annual contract	IPSSWSVRA1RFU-CA	Upgrade package possibilities when using IPSSWSVR20R-CA as the basic requirement
SmartPatch enhanced software - SAAS Feature Upgrade from 31 to 390 racks annual contract (10 racks expansion SaaS)	IPSSWSVRA2FU-CA	
SmartPatch enhanced software - SAAS Feature Upgrade from 391 racks annual contract (10 racks expansion SaaS)	IPSSWSRVA3FU-CA	
FEATURE UPGRADE CMS BRIDGE SOFTWARE (SAAS)		
SmartPatch enhanced software - SAAS Manage SaaS GIS integration annual contract	IPSSWSVRGSI-CA	System integration possibilities when using IPSSWSVR20R-CA as the basic requirement
SmartPatch enhanced software - SAAS Switch Data Synchronisation Bridge annual contract	IPSSWSVRSDIB-CA	
SmartPatch enhanced software - SAAS Data Integration Bridge	IPSSWSVRDIB-CA	

* Restricted to 12 user-defined attributes, 10 reports, 20 work orders, 2 resources, and does not include access to the API other than via the standard bridges. Feature upgrade up to 30 racks. Unrestricted user-defined attributes, reports, work orders, resources, 3D visualisation, and full access to the API.

Software

SMARTPATCH

SMARTPATCH® | System Components



ADVANCED SCANNER HARDWARE

- Connects the Intelligent patch panels to the SmartPatch connectivity management software
- Can be mounted as a 1RU device or in a zero RU configuration

INTELLIGENT COPPER PATCH PANELS

- 24 ports in 1RU
- Intelligent-ready panel can be loaded with an RFID antenna for monitoring and recording patching status
- LED lights above each port trace connectivity and offer patching guidance to engineers
- Includes integrated cable management

INTELLIGENT FIBRE PANELS

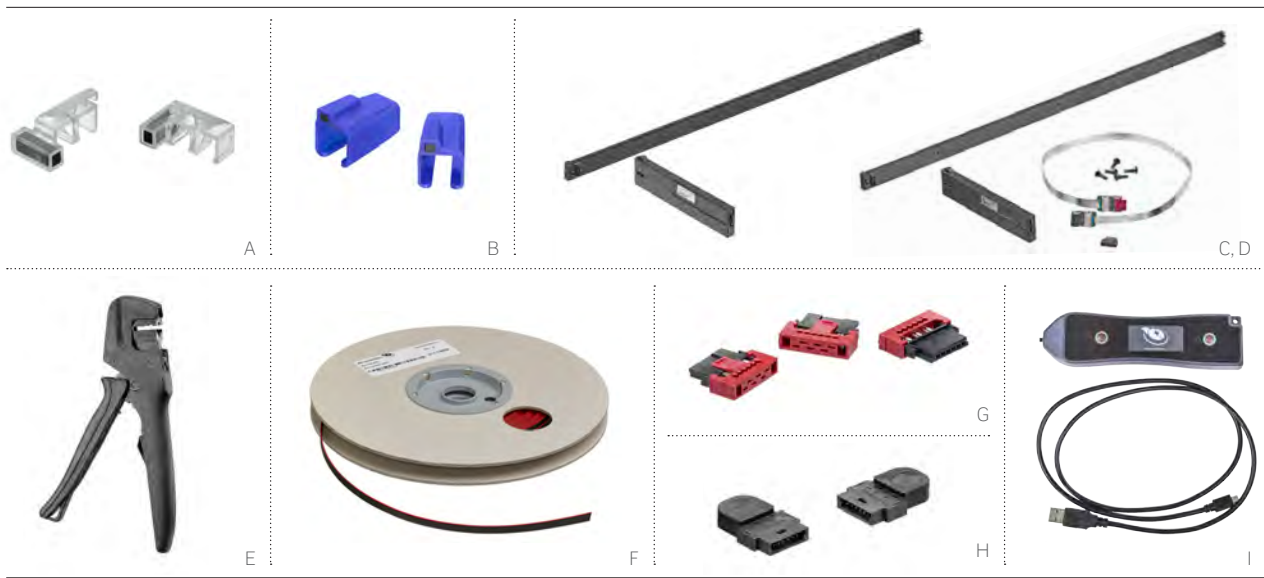
- 48 fibres (24 duplex LC ports) in 1RU
- Flexible, versatile solution for optical splicing and patching
- Intelligent-ready panel can be loaded with an RFID antenna for monitoring and recording patching status
- LED lights above each port trace connectivity and offer patching guidance to engineers

SMARTPATCH SCANNERS

DESCRIPTION	PART NO.
[A] 1RU Network Scanner, black	IPSRTU1U2
[B] Zero RU Network Scanner, black	IPSRTU0U2

SMARTPATCH PANELS

DESCRIPTION	IMS	IMS READY
[C] 1RU 24-Port Snap-in-Jack Inline Copper panel, Black	IPSPNLX24SIJ2M	IPSPNLX24SIJ2M-X
[D] 1RU 48-fibre LC duplex Multimode Fibre panel, Black	IPSC1SXMM48LC2	IPSC1SXMM48LC2-X
1RU 48-fibre LC duplex Single-Mode Fibre panel, Black	IPSC1SXSM48LC2	IPSC1SXSM48LC2-X



SMARTPATCH RETROFIT RFID CLIP FOR FIBRE PATCH CORD

- Transforms standard Brand-Rex patch cords into intelligent cords
- Integrated RFID stores additional information including length, measurement reports, location, and more
- Can be mounted at any stage in the process even, if live connections are already established

SMARTPATCH RETROFIT RFID CLIP FOR COPPER PATCH CORD

- Transforms standard Brand-Rex patch cords into intelligent cords
- Integrated RFID stores additional information including length, measurement reports, location, and more
- Can be mounted at any stage in the process even, if live connections are already established
- Compatible with Brand-Rex 10GPlus® and Cat6Plus® shielded patch cords

SMARTPATCH IPS RETROFIT ANTENNA

- Allows migration from Brand-Rex Intelligent-ready panels to fully intelligent panels
- Kits include clip-on 24 LED RFID antenna strip, RFID module, and bus cable connector
- Fibre kit also includes jumper cable

SMARTPATCH RFID PATCH CORD CLIPS & ANTENNAS

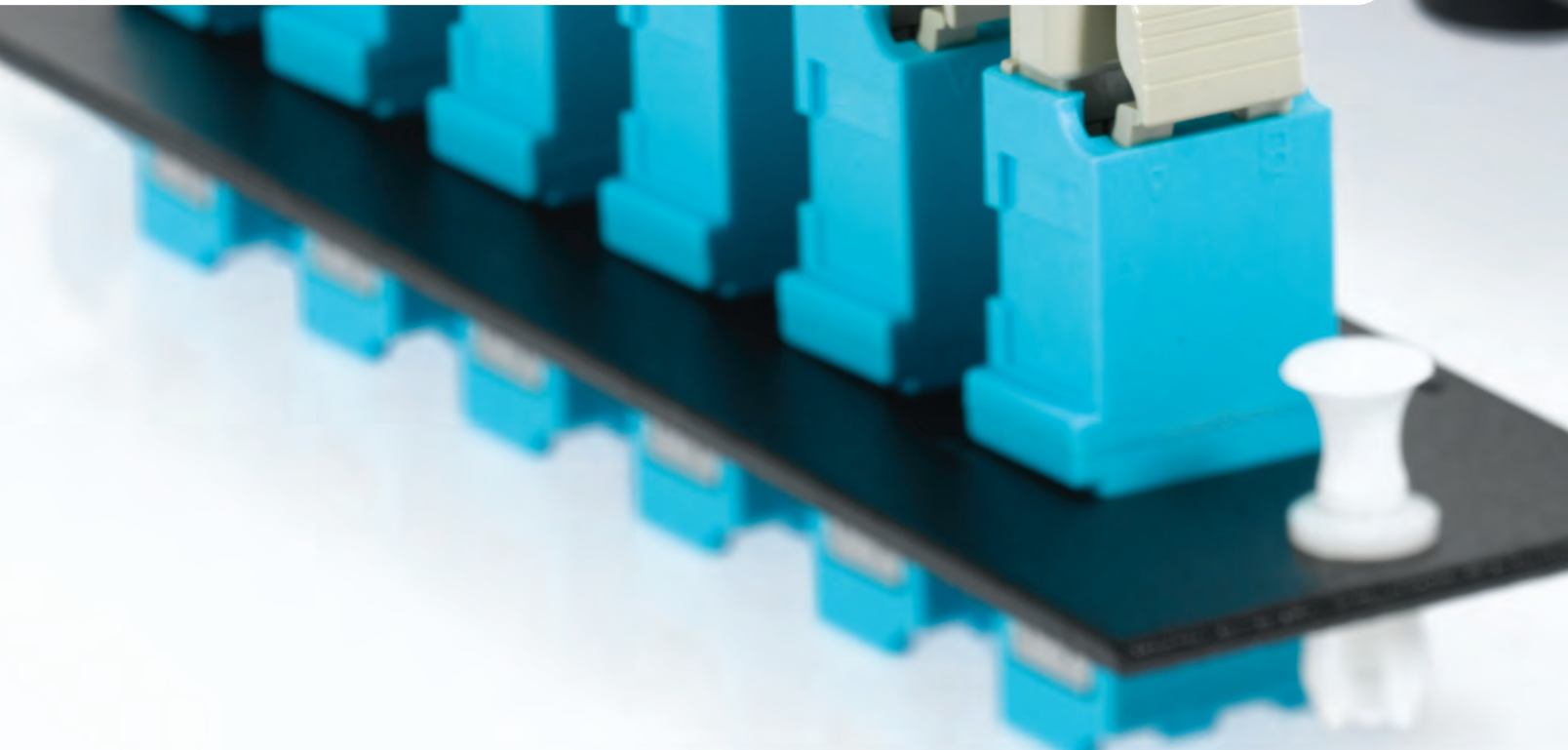
DESCRIPTION	PART NO.
[A] RFID Clip LC Fibre Patch Cord Clip, Transparent (pack of 2)	IPSPCLPLCD
[B] RFID Copper Patch Cord Clip, Blue (pack of 48)	IPSPCCHB004
[C] Copper Antenna Kit, Black	IPSATTRFID001
[D] Fibre Antenna Kit with Jump Lead, Black	IPSATTRFID002

SMARTPATCH BUS CABLE SYSTEM & TOOLS

DESCRIPTION	PART NO.
[E] Connector Crimp Tool	IPSCRTOOL2
[F] Bus Tab Cable (26 AWG 7/0.14mm 1.27mm pitch 6 way), Black & Red	IPSTCBL6W2
[G] Inline Crimp Bus Cable Locking Connector (Female), Black	IPSCON6WV90
[H] Bus End Terminator (Male with Resistor), Black	IPSCON6W180
[I] HF RFID writer/reader	IPSFIDRW2



PART NUMBER INDEX



For copper cable part numbers, see the following pages:

- **Category 8, 7A, 7:** A44
- **Category 6A:** A45-A46
- **Category 6:** A47-A48
- **Category 5e:** A49-A50

For fibre cable part numbers, see the following pages:

- **Tight-Buffered Premise Cables:** B47
- **Ruggedized Patch & Breakout Cables:** B48
- **Loose-Tube Cables:** B48-B63
- **Fire-Survival Cables:** B64

For Pre-Terminated Fibre MTP® Assemblies, see pages B43-B44

For Air-Blown Fibre System part numbers, see pages B67-B72

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
07058G*	C7	40834-***	A13	41295-***	A16
1887*NA	C7	40835-***	A13	41296-MM*	A15, C3
1887*NB	C7	40837-***	A13	416*0-001	A30
18985J*	C7	40839-***	A13	41293-HD*	A16
30-****-**	B72	40985-***	A14	41D6A-1F4	A31
30-0008-01	B23	40988-000	A53	41LBL-**W	A54
30-0301-5	B34	40989-ACT	A53	42GM1-***	B12
30-4800-09	B34	40989-CPT	A53	43105-005	D8
32LM1-***	B12	41010-SPW	D9	43108-008	D8
40050-M**	A30	41020-SPR	D9	43112-012	D8
40054-***	A30	41080-LEB	A54	43115-***	D8
40066-***	A30	41084-***	A13, A14	47613-EZ*	A53
40067-0BC	A30	41084-S**	B78	47615-PTT	A52
40070-MDP	A53	41085-***	B78	47689-OQP	A20
40072-0T*	A30	41089-***	C3	48900-*FR	D9
40089-00D	A20, A30	41100-HLD	A54	49005-CMB	D6
40734-***	A13	41150-019	D5	49005-DMB	D6
40735-***	A14	41188-SM2	D6	49006-AMB	D6
40830-***	A14	41225-SAP	D9	49012-J**	A25
40831-***	A14	41290-HD*	A16	49013-P**	A25
40832-***	A13	41291-***	A16	49014-J**	A25
40833-***	A13	41292-***	A16	49018-J**	A25

INDEX | Part Number Index

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
49200-00M	A30	4999K-***	B76	5R1UR-TRY	B24
49223-CB*	C4	4M089-1*M	A15, C3	5R2UD-S24	B10
49251-W6*	D7	4S089-**P	C3	5R2UH-S06	B16
49252-PCM	D5	4S255-***	A20	5R2UL-CMT	B24
49253-***	D5	4S256-***	A22	5R2UL-F06	B18
49254-***	D5, D6	50-0***-00	B72	5R2UM-*06	B17
49255-***	A20	54-0*0*-00	B72	5R2UR-TRY	B24
49256-***	A22	59265-5DC	D4	5R3UL-F12	B18
49257-I24	A25, A54	5C000-RPL	B24	5R3UM-F**	B17
49257-QHD	A25, A54	5CMTL-RPL	B24	5R4UD-S48	B10
49258-TWB	D5	5D000-*UL	B24	5R4UH-S12	B16
49260-MR*	D7	5D000-*UN	B24	5R4UM-F1*	B17
49262-HR1	D7	5ESJK-***	A8	5RBSH-*UN	B10
49265-***	D4	5EUJK-***	A8	5RCMP-KIT	B10, B24, B27
49280-***	A24, B20	5F100-***	B22	5RCMP-KT2	B10, B24, B27
492RU-HF*	D4	5FUHD-***	B11	5RCMR-KIT	B10, B24, B27
49400-FHB	D7	5G110-***	A9	5REAR-023	B10, B24
4940L-***	D4	5G270-***	A20	5W110-00N	B19
49553-***	A52	5G596-***	A19	5W120-00N	B19
49560-TTS	A53	5G597-***	A22	5W170-00N	B19
49561-SSP	A53	5L000-KAL	B24	5W310-00N	B19
49562-TSK	A53	5L000-LOK	B19, B24	5W320-00N	B19
49800-***	B82, B84	5PCBR-*BT	B24	5W370-00N	B19
49800-FAN	B77, B84	5R*UE-OPX	B18	5W710-00N	B19
4980L-VF*	D4	5R100-14R	B24	5W720-00N	B19
49886-***	B75, B83, B84	5R1RU-023	B24	5W770-00N	B19
49886-FCS	A52	5R1UD-S12	B10	6110G-R*6	A9
49886-SIS	A52	5R1UH-S03	B16	61110-***	A9
49887-***	B77	5R1UL-CMT	B24	61SJK-***	A8
49990-***	B75	5R1UL-F03	B18	61UJK-***	A8
49991-***	B74	5R1UM-*03	B17	6910G-U**	A20

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
69270-***	A20	BPEST101-100	B34	E2XHD-4M*	B28
69585-IDL	A25, A54	C1253-2CM	A21, D5, D6	E2XHD-CMB	B10, B27, D6
69586-***	A19	C1255-H48	A21	E2XLC-AQU	B28
69587-***	A22	C1586-U48	A21	E2XLC-BLU	B28
6ASJK-***	A8	C1686-U48	A21	ETR TN-*TL	B42, B76
6AUJK-***	A8	C5CPNLU2**PK*M	A28	F3168-***	B14
6AZ10-*0*	A39	C6C110110PC0*0	A32	FME2XHD	B28
6Z460-*0*	A41	C6C110CB4P	A32	FPCANG***M3	C8
81SJK-R*8	A8	C6C110RJ4PC0*0	A32	FPCANG***M3UK	C8
81Z10-S**	A38	C6C110TWR288P	A31	FPC1SX*****2	B34, B35
89265-***	D3	C6C110TWR288PE	A31	FPCFCAS003	B23
8940L-SRC	D3	C6C110WB*****	A32	FPCFMKIT001	B34
8980L-VF*	D3	C6CJAKF0K2	A11	FPCMS001	B23
AB100-00*	A9	C6CJAKS000DC	A11	FPCMSH06	B23
AB200-00*	A9	C6CJAKU0**	A11	FPCPC1***48LC2	B36
AB300-00*	A9	C6CPCS0*0-***HB	A41	GPC110110PC0*0	A33
AC6CPF060**	A26	C6CPCU0*0-***HS	A41	GPC110110PC0*0-*	A33
AC6G245U00*	C7	C6CPCU0*0-***BB	A41	GPC110CB*P	A34
AC6JAKF0K2	A10	C6CPNLF240K**	A27	GPC110RJ4PC0*0	A33
AC6JAKS000DC	A10	C6CPNLU240***	A27	GPC110RJ4PC0*0-*	A33
AC6JAKU0**	A10	CMH110	A34	GPC110TWR300P	A33
AC6PCG*00-788HBS	A40	CMH110*	A34	GPC110TWR300PE	A33
AC6PCG0*0-*88HB	A39	CMV110TWR	A32, A34	GPC110WB***	A34
AC6PNLC240K2*	A26	CMV110TWRE	A32, A34	GPC110WB****	A34
AC6PNLF240K2*	A26	DPGRD-KIT	B24	GPC110WB*****	A34
AXSJK-B*M	A8	DJUSTK-CAP	B76	GPC110WB*****	A34
AXUJK-BWM	A8	E2X1A-D48	A24, B27	GPCG245SU00*	C7
BHC***M001	B34	E2X1F-CMB	A23, B27, D6	GPCJAK013LV	A12
BHCMJXX001	B34	E2X1F-D48	A23, B27	GPCJAKF012	A12
BOPLC*****	B39, B40	E2X6A-***	A23	GPCJAKU0**	A12
BPESC*01-100	B34	E2XHD-***	A23, B27	GPCPCF0*0-***H	A42

INDEX | Part Number Index

PART NO.	PAGE	PART NO.	PAGE	PART NO.	PAGE
GPCPCU0*0-***HB	A42	HOPLC*****	B38, B39, B40	MMCANGDK*453	C7
GPCPNLF240***	A28	HOPMJ*****	B38	MMCANGLG*45002	C6
GPCPNLU****	A28	HOPSC*****	B38, B39, B40	MMCANGLG*45002UK	C5
GPCSL062*B03	C5	HOPST*****	B38, B39, B40	MMCDGGB**002	C5
GPCSL06CUB03	C4	HOPU*****	B40	MMCDINSIJ58	C4
GPCSLA62UB03	C5	HOT****7001000-12	B32	MMCFBBSIJ*45U	C4
HDX1A-144	B10	HOTA*****	B41	MMCRT001	A29
HDX1F-144	B10	HOTFC*****	B41	MMCJAKBLK*	A13
HDXACTMAL10824	B31	HOTLC*****	B41	MMCJH002	A52
HDXACTMLC10824	B31	HOTMJ*****	B41	MMCPCHB00*	A39, A40
HDXACTMLCOM324	B31	HOTSC*****	B41	MMCPNLX24SIJ***	A29
HDXACTMLCOM424	B31	HOTST*****	B41	MMCPNLX48SIJ***	A29
HDXBBTMAL10824	B31	HOTU*****	B41	MMCSGGB*****	C5
HDXBBTMLC10824	B31	ICONS-IC*	A8	MMCUNILG*45001	C6
HDXBBTMLCOM324	B31	IPSATTRFID00*	E8	MMCUSSIJ*00*LO	C7
HDXBBTMLCOM424	B31	IPSC1SX*M48LC2	E7	MMCWDO06C001	C4
HDXM1U*	B30	IPSC1SX*M48LC2-X	E7	MMCWDOUNIO**	C5
HDXMNF*	B30	IPSCON6W180	E8	MMCWDOUNI11*	C6
HDXOCAM144	B31	IPSCON6WV90	E8	PPRTN-*LG	B76
HDXOCBLK	B31	IPSCRTOOL2	E8	SPLCS-12*	B23
HDXOCBM144	B31	IPSEFRIDRW2	E8	SPLCS-24*	B23
HDXOCLC10824	B31	IPSPCC*****	E8	SPSCS-12*	B23
HDXOCLCOM324	B31	IPSPNLX24SIJ2M	E7	T5PLS-24F	B14, B23
HDXOCLCOM424	B31	IPSPNLX24SIJ2M-X	E7	TCCPC1*****2	B36
HDXPNL*	B30	IPSRTU***	E7	U2LM1_***	B12
HDXSPAL*****	B32	IPSSWSVR	E5,E6	Z1000-***	D10
HDXSPLC*****	B32	IPSTCBL6W2	E8		
HDXSPLCOM***	B32	MMC***06C3	C4		
HDXZ**2	B30	MMCACCCM***	A29, D5, D6, D7		
HOPA*****	B40	MMCACCINSDC*	A29		
HOPFC*****	B38, B39, B40	MMCANG0623	C5		

Part Number Index

INDEX

The following are trademarks of Brand-Rex and Leviton Manufacturing Company, Inc. :

10GPlus [®]	eXtreme [®]	HI-DEX [®]	QuickPort [®]
Atlas-X1™	FastCAM [®]	Opt-X [®]	SmartPatch [®]
Cat6Plus [®]	Fast-Cure [®]	QuickPack [®]	Versi-Duct [®]
Cone of Silence [®]	GigaPlus [®]	QuickPlate [®]	VertiGO [®]

For Brand-Rex warranty information, please visit brand-rex.com/support/warranty-program.
 For Leviton warranty information, please visit leviton.com/warranties.

Other trademarks used in this catalogue are registered as follows:

Amphenol[®] is a registered trademark of Amphenol Corporation.
 Clipsal[®] is a registered trademark of Schneider Electric (Australia) Pty Ltd.
 D'Gel[®] is a registered trademark of Illinois Tool Works.
 EZ-RJ45[®] is a registered trademark of SullStar Technologies, Inc.
 HDMI[®] is a registered trademark of HDMI Licensing, LLC.
 JackRapid™ is a trademark of Fluke Networks.
 KeyQuick[®] is a registered trademark KeyFibre Network Components SLU.
 Klein Tools[®] is a registered trademark of Klein Tools, Inc.
 MTP[®] is a registered trademark of US Conec, Ltd.
 Mylar[®] is a registered trademark of Dupont Teijin Films
 SYSTIMAX[®] and Uniprise[®] are registered trademarks of CommScope, Inc.
 VELCRO[®] is a registered trademark of Velcro BVBA. Used with permission.

All other trademarks, service marks, and logos used in this catalogue are the property of their respective owners.

© Copyright Leviton Manufacturing Co., Inc. 2017.
 All rights reserved. All unauthorised quotation and reproduction is forbidden except for brief examples used in reviews of this work by periodical publications where the source of information is credited to Leviton, or the reproduction of this material for the purpose of preparing specifications and/or bids in which Leviton products are indicated. To request permission, please contact the Leviton Network Solutions marketing department at +1 (425) 486 2222.

Information in this catalogue is provided as a guide to product selection and is believed to be correct at time of publication. Because Leviton engages in a continuous program of product improvement, data is subject to change without notice.

Leviton Manufacturing Co. Inc., Brand-Rex Limited, and any subsidiary companies reserve the right to refuse sale of any products detailed within this catalogue if such a sale would be considered a breach of United States, United Kingdom, or European Union export trade legislation.



We invent the industry’s best technologies. We build them to last. And we stand behind every product and every installation – delivering industry-leading performance and unbeatable service and support – throughout the life of your structured cabling system. Add in the peace of mind that comes from working with a stable, century-old supplier, and you get by far the highest return on infrastructure investment.

Leviton Network Solutions Division Headquarters

leviton.com/ns | 2222 - 222nd Street S.E., Bothell, WA 98021 USA

Inside Sales +1 (425) 486 2222 intl@leviton.com
 Technical Support +1 (425) 486 2222 appeng@leviton.com

Leviton Network Solutions European Headquarters

brand-rex.com | Viewfield Industrial Estate, Glenrothes, Fife KY6 2RS, UK

Customer Service +44 (0) 1592 772124 customerservice@brand-rex.com

Leviton Network Solutions Middle East Headquarters

leviton.com/ns/middleeast | Bay Square, Building 3, Office 205, Business Bay, Dubai - UAE

Customer Service +971 (4) 886 4722 / +971 (4) 454 8644 lmeinfo@leviton.com

Leviton Corporate Headquarters

leviton.com | 201 N. Service Road, Melville, NY 11747 USA

Customer Service (800) 323 8920 / +1 (631) 812 6000 customerservice@leviton.com

Leviton International Offices

Asia / Pacific +1 (631) 812 6228 infoasean@leviton.com
 Canada +1 (514) 954 1840 pcservice@leviton.com
 Caribbean +1 (954) 593 1896 infocaribbean@leviton.com
 China +852 2774 9876 infochina@leviton.com
 Colombia +57 (1) 743 6045 infocolombia@leviton.com
 India / SAARC +971 (4) 8864722 infoindia@leviton.com
 Latin America +52 (55) 5082 1040 lsamarketing@leviton.com
 Mexico +52 (55) 5082 1040 lsamarketing@leviton.com
 Middle East & Africa +971 (4) 886 4722 lmeinfo@leviton.com
 South Korea +82 (2) 3273 9963 infokorea@leviton.com

All Other International Inquiries international@leviton.com

