



CORNING

Data Centre

Core Products EMEA





Data Centres



Specifying, purchasing, and installing your data centre has never been easier. To reduce the time and effort you spend on your infrastructure, we have compiled this guide to provide you with at-a-glance ordering information for our most popular products as well as innovative resources we've created to help save you time and money – because products are only part of what it takes to make your data centre successful.

As a leading global company, we work hard to make sure these great products are on the shelves of our distributors, ready for purchase when you need them ... supported by our FastShip programme.

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To learn more, visit us at
www.corning.com/data-center/emea/en/home



Bill-of-Materials Tool

Time is money; don't spend more time than necessary creating your bills of materials.

Now it's easier than ever to choose the fibre optic and shielded copper products you need for your local area network or data centre. Simply select the products you need, modify the bill of materials as needed, and save it on your own computer. You can even email the final file to your preferred distributor for a price quote, or to a colleague for reference.

[Download](#) the free tool, and transform the way you work!





Corning's Fast Programmes

FastShip

In stock and ready to ship in 72 hours!

Product availability is critical to your installations, and quick access to the materials you need can make or break a project. Our FastShip programme for fibre optic and copper solutions for data centres and storage area networks quickly supports your day-to-day work like moves, adds, and changes.

The FastShip programme flag indicates which part numbers are available for shipment within 72 hours of purchase order confirmation. And if you need products even faster, expedited service is available on request.*

For more information, contact Corning Customer Care at [00800 2676 4641](tel:0080026764641) or cc.emea@corning.com.

FastConnect

Select made-to-order products in two weeks!

Can't find what you need in stock with our authorised distributors in EMEA? Selected items of our core products for data centres and storage area networks (SANs) are available for quick order and shipment through our FastConnect programme.

This "made-to-order" programme provides shipping within two weeks upon receipt of your purchase order at Corning. To see which items are available, please contact Corning Customer Care.*



This flag next to a product number denotes it is available under the FastShip/FastConnect programme.

*Terms and conditions apply. Please visit <http://opcomm.corning.com/fast> for further details.

MTP® PRO Connector and Push-Pull Boot

Change pinning and polarity in the field with greater flexibility and reduced risk.

Field Polarity Change

Simple one-step, colour-coded polarity change feature without removing connector housing

Integrated Push-Pull Sleeve

Robust push-pull insertion and extraction housing design for ease of use when patching

Push-Pull Boot

Enabling easier mating and unmating in extremely dense applications

Field Pin Change

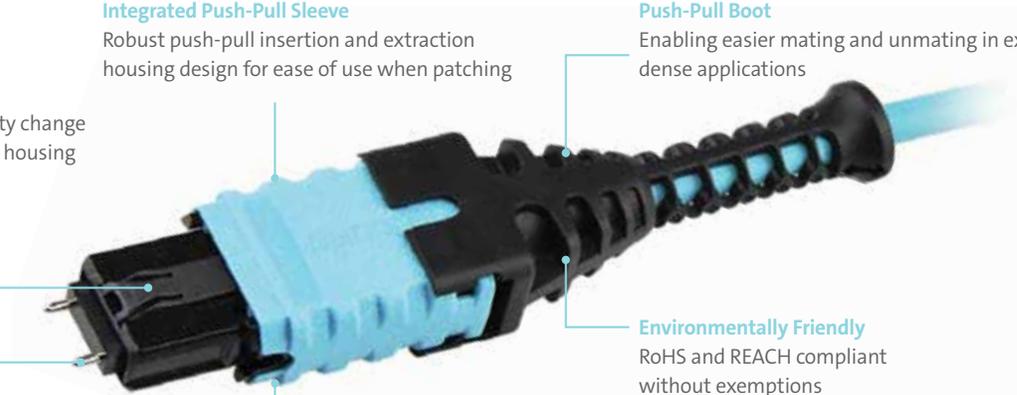
Field-friendly configuration with safe handling of pins and easy colour identification whilst maintaining product integrity

Debris Reduction

Latch-lock geometry and material optimised to reduce debris generation when patching

Environmentally Friendly

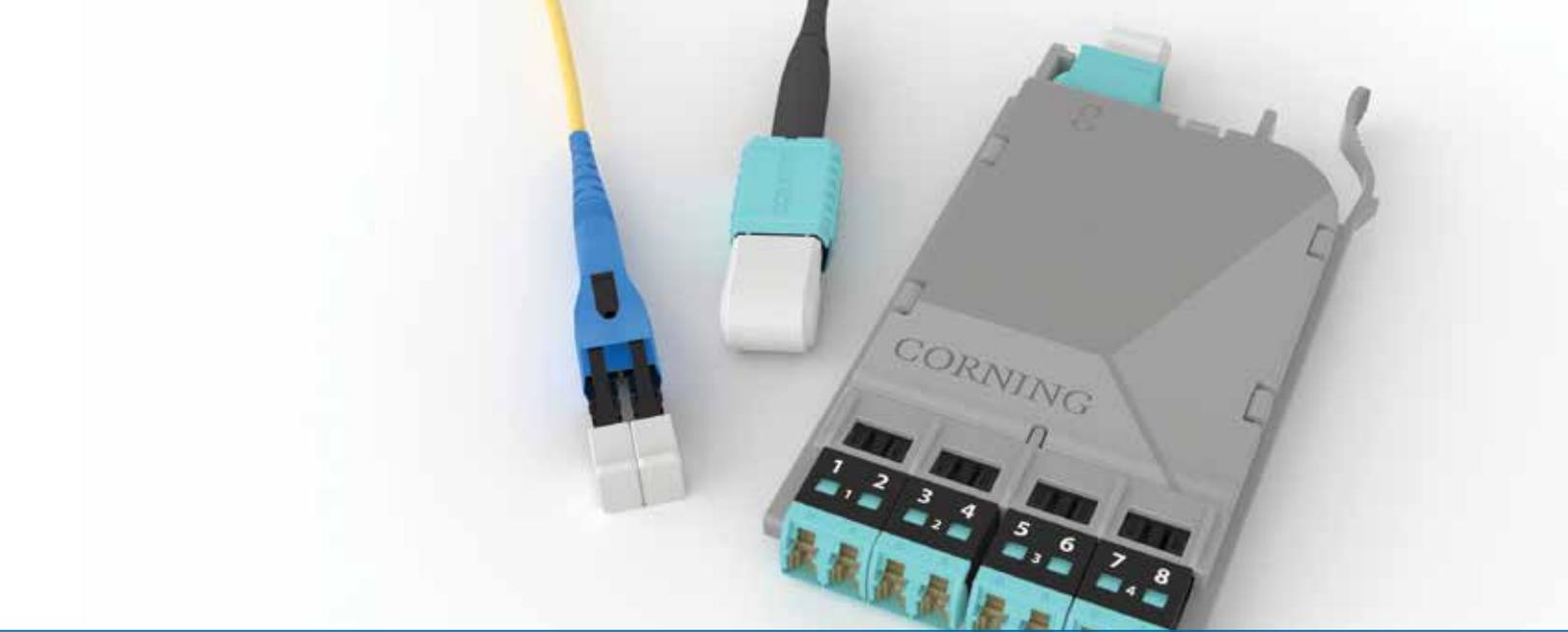
RoHS and REACH compliant without exemptions



Our industry-leading MTP® connector family has a new addition – the MTP® PRO connector with a push-pull boot. Now standard on all EDGE™ and EDGE8® assemblies.* With no special skills or training required, you can easily perform polarity and pin reconfiguration in the field without removing the connector housing or exposing fibres. Now, the new push-pull boot enables easier mating and unmating in extremely dense applications. The MTP PRO offers true push-pull functionality without compromising the connector footprint. Additionally, its enhanced latching and alignment features reduce debris generation, resulting in trouble-free patching. The MTP PRO connector with push-pull boot offers simplified and robust field configurability, ease of use, and enhanced performance combined with the MTP connector you know and trust.

To learn more, visit our **MTP® PRO Connector** with Push-Pull Boot online.

*This does not include 24 F MTP connector.



Corning takes care of the cleaning process for you!

As a leader in optical fibre and connectivity, Corning understands the value of clean connectors. That's why we developed a new factory cleaning and sealing process, Corning® CleanAdvantage™ technology, ensuring a pristine end face upon first use for all our EDGE™ and EDGE8® solutions. So, go ahead and uncap that CleanAdvantage connector and connect with confidence.



Save up to **17%** install time

No need for cleaning or visual inspection before the first install.



Save up to **95%** on consumables

No cleaning pens, cassettes, and wipes necessary.



Minimises debris transfer

Reduces the risk of debris transfer on the end face, minimises signal degradation.



Standardised offering

High density paired with high performance at no extra cost.

Learn more at www.corning.com/cleanadvantage/emea

Transmission Performance/Insertion Loss

	OM3/OM4	OS2
Optical Fibre Type (µm)	50 Multimode	Single-mode
Wavelength (nm)	850	1310/1550
Maximum Attenuation (dB/km)	2.8	0.4/0.3
Minimum Effective Modal Bandwidth (EMB) (MHz•km)	2000/4700	-/-

Maximum Insertion Loss (dB) for Connector Pairs	LC	MTP®
OM3/OM4 EDGE™ and Plug & Play™	0.15	0.35
OM3/OM4 EDGE8® and EDGE ULL	0.10	0.25
OS2 EDGE and Plug & Play	0.50	0.75
OS2 EDGE8 and EDGE ULL	0.25	0.35

Ethernet Data Rate	Nomenclature	Fibre Type	Maximum Channel Insertion Loss (dB)	Maximum Link Length (m)
1G	1000BASE-SX	OM3	4.5	1000
10G	10GBASE-SR	OM3/OM4	2.6/2.34	300/550
40G	40GBASE-SR4	OM3/OM4	1.9/1.5	100/150
100G	100GBASE-SR10	OM3/OM4	1.9/1.5	100/150
100G	100GBASE-SR4	OM3/OM4	1.8/1.9	70/100
400G	400GBASE-SR4.2	OM3/OM4	1.7/1.8	70/100
400G	400GBASE-SR8	OM3/OM4	1.8/1.9	70/100

Fibre Channel Data Rate	Nomenclature	Fibre Type	Maximum Channel Insertion Loss (dB)	Maximum Link Length (m)
4 Gb/s	400-M5E-SN-1	OM3/OM4	2.88/3.02	380/420
8 Gb/s	800-M5E-SN-1	OM3/OM4	2.19/2.22	150/190
16 Gb/s	1600-M5E-SN-1	OM3/OM4	1.95/1.97	100/125
32 Gb/s	3200-M5E-SN-S 3200-M5F-SN-1	OM3/OM4	1.75/1.86	70/100
128 Gb/s	128GFC-SW4	OM3/OM4	1.75/1.86	70/100

Fibre Channel and Ethernet Derating Tables

4G, 8G, 10G, and 16G Fibre Channel Distance Capability and Channel Insertion Loss 12-Fibre MTP [®] Connectivity						
Corning Fibre Solutions	Data Rate Gb/s	Number of MTP [®] Connections Distance (m)/Channel Insertion Loss (dB)				
		2	3	4	5	6
Laser-Optimised 50/125 µm OM3	4	500/2.26	480/2.45	460/2.47	440/2.62	420/2.78
	8	215/1.40	205/1.62	195/1.71	185/1.86	175/2.03
	10*	320/3.45	320/3.45	320/3.45	320/3.01	320/3.01
	16	140/1.17	135/1.35	120/1.54	115/1.65	110/1.81
	32	85/1.33	85/1.33	85/1.33	85/1.33	80/1.57
Laser-Optimised 50/125 µm OM4	4	600/2.64	580/2.78	560/2.76	540/2.88	520/3.00
	8	270/1.59	265/1.73	245/1.85	235/2.00	225/2.14
	10*	485/2.45	485/2.45	475/2.52	470/2.89	470/2.89
	16	190/1.31	180/1.49	165/1.62	155/1.78	145/1.93
	32	135/1.00	130/1.18	125/1.37	120/1.54	120/1.54

1G, 10G, 40G, and 100G Ethernet Distance Capability and Channel Insertion Loss 12-Fibre MTP Connectivity						
Corning Fibre Solutions	Data Rate Gb/s	Number of MTP Connections Distance (m)/Channel Insertion Loss (dB)				
		2	3	4	5	6
Laser-Optimised 50/125 µm OM3	1	1100/4.14	1000/4.68	1000/4.68	1000/4.68	950/4.89
	10*	320/3.45	320/3.45	320/3.45	320/3.01	320/3.01
	40/100**	145/1.00	140/1.16	130/1.38	125/1.51	125/1.51
	100***	85/1.48	85/1.45	85/1.40	85/1.38	80/1.64
Laser-Optimised 50/125 µm OM4	1	1100/4.51	1100/4.51	1050/4.76	1050/4.76	1000/4.97
	10*	485/2.45	485/2.45	475/2.52	470/2.89	470/2.89
	40/100**	195/1.07	185/1.29	170/1.50	150/1.54	145/1.62
	100***	135/1.09	130/1.29	125/1.46	125/1.46	120/1.61

*Assume 10GBASE-SR SFP+ compliant transceivers

**802.3ba 100G 10G/lane

***802.3bm 100G 25G/lane



1G to 400G Migration

Choose a cabling infrastructure that will support current and future requirements.

1G to 400G Migration Path for Data Centre Infrastructures								
Data Rate	Trunk Cable	1G	10G	40G (BiDi or WDM)	40G Parallel	40G Extended Reach	100G (SR4)	400G
Number of Fibres		2	2	2	8	8	8	32/16/8
EDGE8* (Base-8)								
EDGE* (Base-12)								
Plug & Play™ (Base-12)								
Connectivity Interface		LC	LC	LC	MTP*	MTP	MTP	MTP

 Requires no cabling upgrade

 67% fibre utilisation or requires use of conversion modules



To Bend or Not To Bend? Not Much of a Question

Fibre Optic Cables

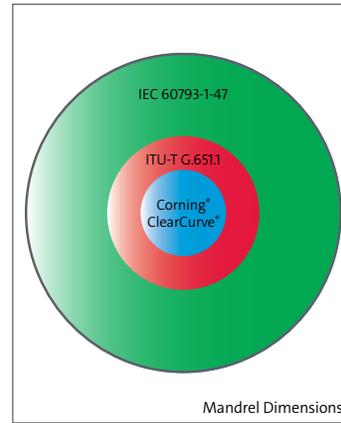
Did you know? Corning® ClearCurve® bend-insensitive OM3/OM4 multimode fibres offer outstanding transmission performance in fibre optic cabling systems. ClearCurve fibres are the world's first laser-optimised multimode fibres to withstand tight bends at or below 7.5 mm radius with substantially less signal loss than traditional multimode fibres, while being fully standards compliant and backward compatible.

ClearCurve optical fibre is a key element to ensure operational reliability when designing custom-engineered components, thanks to the significant reduction in macrobend loss even in the most challenging bend scenarios. This allows us to provide significantly greater density across the range, combined with simple design and integration for LAN and SAN areas within the data centre, while the pre-terminated components allow for reduced installation time and faster moves, adds, and changes (MACs).

Corning® SMF-28® Ultra optical fibre is an ITU-T recommendation G.652.D compliant optical fibre. Utilising our enhanced low-loss and bend-fibre technologies, this full-spectrum fibre has bend performance that exceeds the ITU-T recommendation G.657.A1 standard. SMF-28 Ultra fibre offers industry-leading specifications for attenuation, macrobend loss and polarisation mode dispersion values, which provide a solid foundation for new network deployments as well as upgrades to existing networks.

Since bringing the first fibre to the market more than 50 years ago, our leadership in single-mode fibre innovation has been unparalleled.

Recommended Standards for Multimode Fibre According to ITU or IEC



The IEC 60793-1-47 Standard

Mandrel Radius	Number of Turns	Maximum Attenuation at 850 nm	Maximum Attenuation at 1300 nm
37.5 mm	100	< 0.5 dB	< 0.5 dB

The ITU-T G.651.1 Standard

Mandrel Radius	Number of Turns	Maximum Attenuation at 850 nm	Maximum Attenuation at 1300 nm
15 mm	2	< 1.0 dB	< 1.0 dB

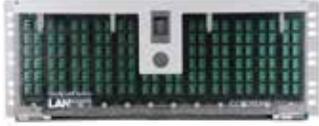
Corning® ClearCurve® Multimode Standard*

Mandrel Radius	Number of Turns	Maximum Attenuation at 850 nm	Maximum Attenuation at 1300 nm
37.5 mm	100	< 0.15 dB	< 0.15 dB
15 mm	2	< 0.1 dB	< 0.3 dB
7.5 mm	2	< 0.2 dB	< 0.5 dB

*There is no specification for multimode fibres with bending radii up to 7.5 mm

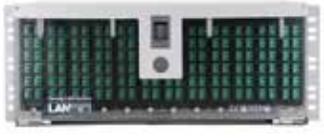
Parallel Optic Systems

Build your solution for parallel optic solutions on MTP® Base-8 or Base-12 fibre systems (1/10/40/100G multimode or 1/10/40/100G single-mode) by following the simple steps outlined below.

	EDGE8® Solutions	EDGE™ Solutions	Plug & Play® Systems
1 Housing	 <p>4U up to 288 MTP® ports (Base-8) with 2,304 fibres</p>	 <p>4U up to 288 MTP ports (Base-12) with 3,456 fibres</p>	 <p>4U up to 144 MTP ports (Base-12) with 1,728 fibres</p>
2 Trunks	 <p>8,16,24,32,48,72, and 96 fibres</p>	 <p>12, 24, 48, 72, 96, and 144 fibres</p>	 <p>12, 24, 48, 72, 96, and 144 fibres</p>
3 Adapter Panels	 <p>8, 16, 24, and 32 Fibre Adapter Panel</p>	 <p>12, 24, and 72 Fibre Adapter Panel</p>	 <p>72, 96, and 144 Fibre Adapter Panel</p>
4 Patch Cables	 <p>MTP without Pin – MTP without Pin</p>	 <p>MTP without Pin – MTP without Pin MTP with Pin – MTP without Pin MTP with Pin – MTP with Pin</p>	 <p>MTP with Pin – MTP without Pin MTP with Pin – MTP with Pin</p>

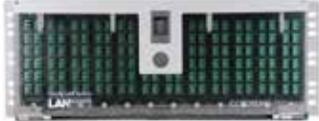
Duplex Optic Systems

Build your solution for duplex systems (1/10/40G multimode or 1/10/40/100G single-mode) by following the simple steps outlined below.

	EDGE8 [®] Solutions	EDGE™ Solutions	Plug & Play™ Systems
1 Housing	 <p>4U Breaks Out 288 MTP® ports (Base-8) with 2,304 fibres up to 1,152 LC duplex connections</p>	 <p>4U Breaks Out 288 MTP ports (Base-12) with 3,456 fibres up to 1,728 LC duplex connections</p>	 <p>4U Breaks Out 144 MTP ports (Base-12) with 1,728 fibres up to 864 LC duplex connections</p>
2 Trunks	 <p>8,16,24,32,48,72, and 96 fibres</p>	 <p>12, 24, 48, 72, 96, and 144 fibres</p>	 <p>12, 24, 48, 72, 96, and 144 fibres</p>
3 Adapter Panels	 <p>EDGE8 Adapter Panel</p>	 <p>EDGE Adapter Panel</p>	 <p>Plug & Play Adapter Panel</p>
4 Harness Cables	 <p>EDGE8 Harness, 8 fibres</p>	 <p>EDGE Harness, 12 fibres</p>	<div style="text-align: center;">OR</div>  <p>Plug & Play Harness, 12 fibres</p>

Duplex Optical Systems

Build your solution for duplex systems (1/10/40G multimode or 1/10/40/100G single-mode) by following the simple steps outlined below.

	EDGE8 [®] Solutions	EDGE7 [™] Solutions	Plug & Play [™] Systems
1 Housing	 <p>4U up to 288 LC duplex ports with 576 fibres</p>	 <p>4U up to 288 LC duplex ports with 576 fibres</p>	 <p>4U up to 144 LC duplex ports with 288 fibres</p>
2 Trunks	 <p>8,16,24,32,48,72, and 96 fibres</p>	 <p>12, 24, 48, 72, 96, and 144 fibres</p>	 <p>12, 24, 48, 72, 96, and 144 fibres</p>
3 MTP [®] to LC Duplex Modules	 <p>Module 8 Fibres</p>	 <p>Module 12 Fibres</p>	 <p>Module 24 Fibres</p>
4 Patch Cables	 <p>LC Duplex – LC Duplex Uniboot</p>	 <p>LC Duplex – LC Duplex Uniboot</p>	<div style="text-align: center;">OR</div>  <p>SC Duplex – LC Duplex Uniboot</p>

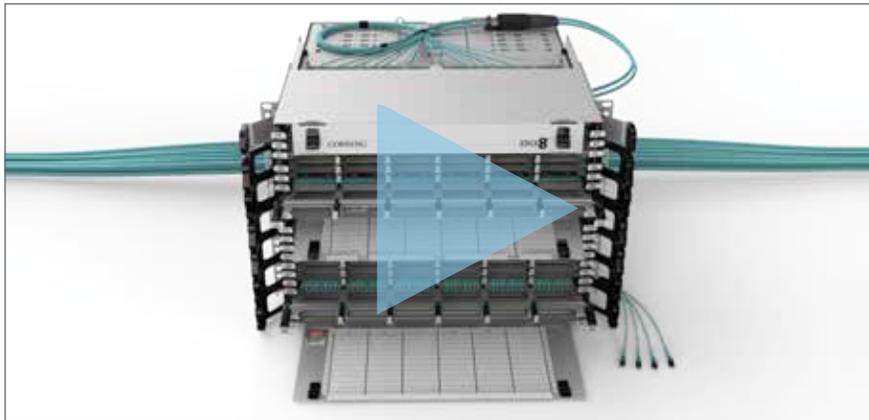
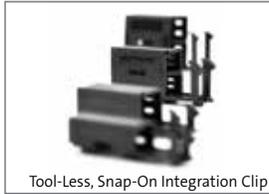


EDGE8[®] Solutions Contents

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EDGE8® Solutions

This is an overview of the EDGE8® solution, to learn more, please visit: www.corning.com/emea/en/edge8



EDGE8® Housings

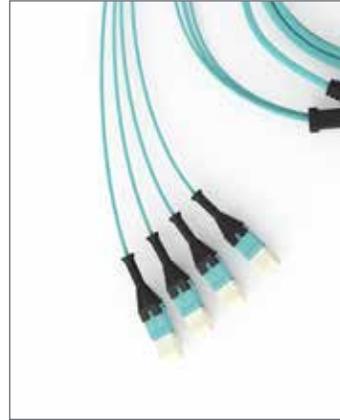
EDGE8® high-density housings mount in 19-in racks or cabinets and provide industry-leading ultra-high-density connectivity when combined with EDGE8 modules, panels, harnesses, trunks, and patch cords. The unique design of EDGE8 housings includes sliding drawers enabling module or panel installation from the front or rear of the housing. Each sliding drawer contains integrated cable routing elements to support effective patch cord management while providing unprecedented finger access without the need for tools or other accessories. The mounting and removal of trunks is a simple, quick, and tool-less operation enabling rapid deployment of high-fibre-count trunks for faster moves, adds, and changes (MACs).



EDGE8® Housings			
Description	Maximum Capacity EDGE8 Module	Maximum Capacity MTP® Panel (Base-8)	Catalogue Number
19-in 4U EDGE8 Housing with 12 separate sliding trays	288 x LC duplex ports (576 fibre)	288 x MTP ports (2,304 fibre)	EDGE8-04U 
19-in 1U EDGE8 Housing with 3 separate sliding trays	72 x LC duplex ports (144 fibre)	72 x MTP ports (576 fibre)	EDGE8-01U-SP 

EDGE8® Trunks

EDGE8® MTP® trunks are pre-terminated cables with ultra-low-loss 8-fibre MTP PRO connectors. These trunks provide the backbone of the passive network infrastructure and thanks to the superior design containing Corning® ClearCurve® fibre, they enable rapid deployment for your campus LAN or data centre facility. All trunks are manufactured with MTP PRO push-pull connectors for easy mating and unmating in dense applications and Corning® CleanAdvantage™ technology. They are shipped with strain-relief clips, allowing for easy-and-quick tool-less installation in both EDGE8 solutions and Plug & Play™ systems housings.



EDGE8® Trunks			
Fibre Type	OM3	OM4**	OS2
Cable Colour	Aqua	Aqua	Yellow
Fibre Count	Catalogue Number	Catalogue Number	Catalogue Number
8	GE5E508TLZDDUxxx.xM*	GE5E508QLZDDUxxx.xM	GE7E708GLZDDUxxx.xM
16	GE5E516TLZDDUxxx.xM	GE5E516QLZDDUxxx.xM	GE7E716GLZDDUxxx.xM
24	GE5E524TLZDDUxxx.xM	GE5E524QLZDDUxxx.xM	GE7E724GLZDDUxxx.xM
32	GE5E532TLZDDUxxx.xM	GE5E532QLZDDUxxx.xM	GE7E732GLZDDUxxx.xM
48	GE5E548TLZDDUxxx.xM	GE5E548QLZDDUxxx.xM	GE7E748GLZDDUxxx.xM
72	GE5E572TLZDDUxxx.xM	GE5E572QLZDDUxxx.xM	GE7E772GLZDDUxxx.xM
96	GE5E596TLZDDUxxx.xM	GE5E596QLZDDUxxx.xM	GE7E796GLZDDUxxx.xM

*Select the trunk length (plug-to-plug): replace xxx.x with 002-300.5; M = metre, Trunks can be ordered in 0.5 m increments, The first letter of the part code denotes the pulling grip type:

G = grip on first end, D = grip on both ends, Z = no grip

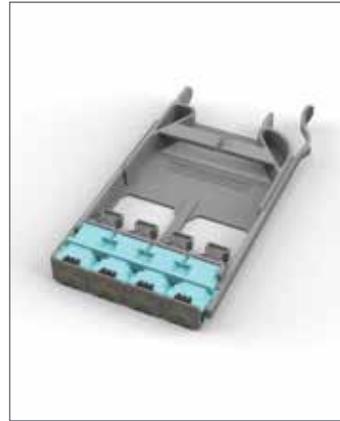
For additional fibre counts up to 288 F, please check the online catalogue.

**For OM4 heather violet products, please contact Corning Customer care and add -VI at the end of the part number. (example: GE5E524QLZDDUxxx.xM-VI)

🚚 For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

EDGE8® MTP® Adapter Panels

EDGE8® adapter panels are a pass-through panel with a single row of MTP® adapters available in 1-,2-,3-, or 4-port variants. The backbone trunks connect at the rear of the adapters, providing various options at the front from end-to-end links with patch cables or harness solutions or as a cross-connect in the main distribution area (MDA). The MTP adapter panel is the easiest way to implement a parallel optic application in your data centre whilst retaining the existing hardware. All EDGE8 adapter panels can be installed from the front or the rear of any EDGE8 hardware using a simple release mechanism, negating the need for any special tools.

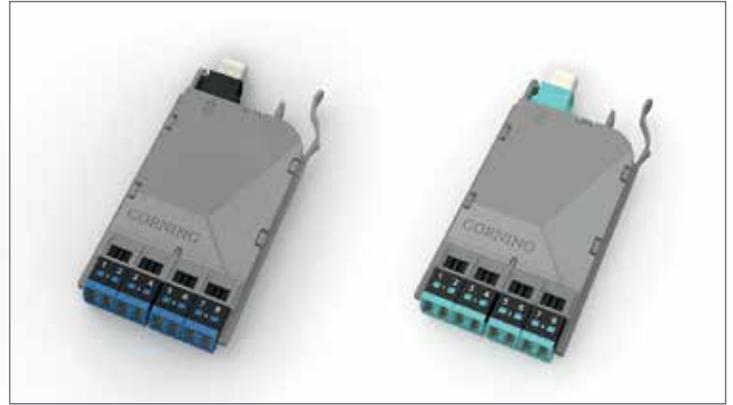


EDGE8® MTP® Adapter Panels		
Fibre Type	OM4*	OS2
MTP Adapters	Catalogue Number	Catalogue Number
1	EDGE8-CP08-V3	EDGE8-CP08-V1
2	EDGE8-CP16-V3	EDGE8-CP16-V1
3	EDGE8-CP24-V3	EDGE8-CP24-V1
4	EDGE8-CP32-V3	EDGE8-CP32-V1

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

EDGE8® Universal Modules

EDGE8® modules provide the interface between the MTP® connector on the EDGE8 trunk and the LC duplex patch cords that will connect directly to the electronics or as a cross-connect in the main distribution area (MDA). The internal wiring follows the universal wiring scheme to ensure the correct fibre polarity is maintained throughout the system independent of how many modules are utilised within the link. Ultra-low-loss performance of the module allows for multiple connections without compromising the tight loss budgets associated with higher-speed applications, permitting longer links than specified by the standards. Specially designed shutters ensure the end face of the connectors are never touched and replace the standard dust caps that, typically removed, are never replaced. In addition, the shutters are visual fault locator (VFL) compatible to allow easy port identification whilst diffusing the VFL light to ensure adequate eye safety.



EDGE8® Universal Modules

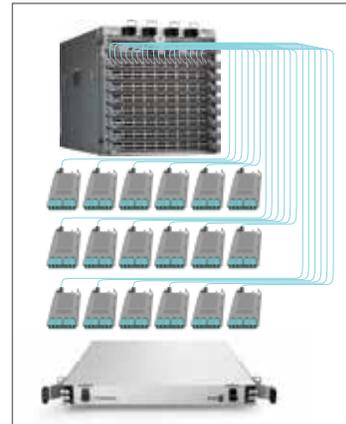
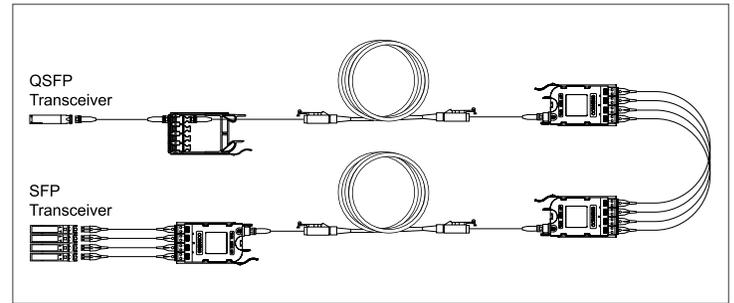
Fibre Type	OM4*	OS2	Fibre Type
Connector Type	Catalogue Number	Catalogue Number	Adapter Colour Front
PC	ECM8-UM08-05-E6Q-ULL	–	Aqua
UPC	–	ECM8-UM08-04-E8G-ULL	Blue

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com. Part numbers for OM4 heather violet modules end in -VI (example: ECM8-UM08-05-E6Q-ULL-VI).

EDGE8® Port Breakout Modules

EDGE8® port breakout modules are designed to provide additional flexibility and space savings to the system whilst utilising the cost saving benefits of disaggregating a single 40G QSFP port into four 10G SFP+ ports. Deploying 40G QSFP ports and port breakout modules in the MDA can reduce the number of chassis and line cards by two-thirds when compared to 10G SFP+ ports for additional savings in density and power requirements.

In this example, each row of QSFP ports (18) can be replicated by a single 1U EDGE8-SP housing.



EDGE8® Port Breakout Modules			
Fibre Type	OM4**	OS2	Fibre Type
Connector Type	Catalogue Number	Catalogue Number	Adapter Colour Front
PC	ECM8-05E6-QEZB-xxx.xM*	–	Aqua
UPC	–	ECM8-04E7-GEZB-xxx.xM	Blue

*Select the module length (tip-to-tip): replace xxx.x with 000.5-025.5; M = metre

Modules can be ordered in 0.5 m increments

**For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

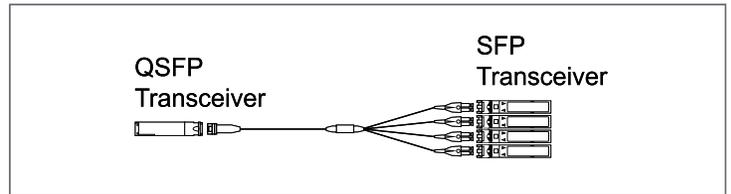
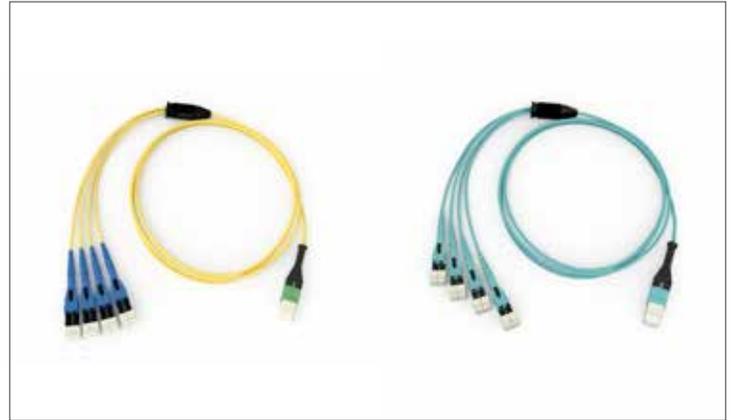
Part numbers for OM4 heather violet modules end in -VI (example: ECM8-05E6-QEZB-xxx.xM-VI).

EDGE8® Harnesses

The EDGE8® QSFP to SFP+ harness is an MTP® to four LC duplex assembly designed to disaggregate a 1 x 40G port into four LC duplex ports to benefit from the potential cost savings associated with 40G electronics. Similar to the port breakout module, an EDGE8 harness can be deployed in an equipment distribution area (EDA) to direct connect active electronics to the cabling infrastructure. Disaggregating a 1 x 40G port into four 10G ports can only be achieved through parallel optics. EDGE8 harnesses are available in both staggered and non-staggered options.

All harnesses are manufactured with Corning® CleanAdvantage™ technology featuring MTP PRO push-pull connectors for a simple polarity and field-friendly pinning change and allowing for easy mating and unmating in dense applications.

For polarity guidance, please refer to [AEN 156](#).
For stagger selection, please refer to [AEN 157](#).



EDGE8® Harnesses		
Fibre Type	OM4**	OS2
Stagger Type	Catalogue Number	Catalogue Number
1	HE67908QLZ-1Bxxx.xM*	HE87808GLZ-1Bxxx.xM
2	HE67908QLZ-2Bxxx.xM	HE87808GLZ-2Bxxx.xM
3	HE67908QLZ-3Bxxx.xM	HE87808GLZ-3Bxxx.xM
4	HE67908QLZ-4Bxxx.xM	HE87808GLZ-4Bxxx.xM
5	HE67908QLZ-5Bxxx.xM	HE87808GLZ-5Bxxx.xM

*Select the harness length (tip-to-tip): replace xxx.x with 000.5-006.5; M = metre

Harnesses can be ordered in 0.5 m increments

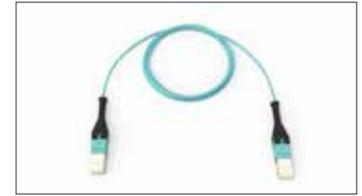
**For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Part numbers for OM4 heather violet modules end in -V1 (example: HE67908QLZ-1Bxxx.xM-V1)

🚩 For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

EDGE8® MTP® Patch Cords

The EDGE8® MTP® patch cords allow for a seamless migration to higher data rates in the data centre when used in conjunction with the EDGE8 pinned trunks. By pinning the trunks, we have removed the need to potentially stock three different patch cords variants for direct, interconnect, and cross-connect scenarios, meaning a pinless-to-pinless patch cord will support all installation requirements. These patch cords are wired to TIA-568 Type-B polarity as standard; however, other polarity and pin methods are available on request.



EDGE8® MTP® Patch Cords			
Fibre Type	OM3	OM4**	OS2
Cable Colour	Aqua	Aqua	Yellow
Catalogue Number	JE6E608TEZ-NBxxxM*	JE6E608QEZ-NBxxxM	JE8E808GEZ-NBxxxM

* Select the patch cord length (tip-to-tip): replace xxx.x with 000.5-020.5; M = metre; patch cords can be ordered in 0.5 m increments.

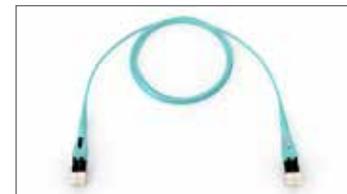
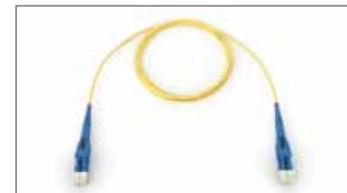
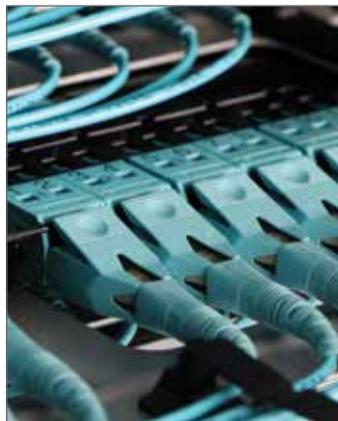
**For OM4 heather violet products, please contact Corning Customer Care. Part numbers for OM4 heather violet patch cords end in -VI z.B. JE6E608QEZ-NBxxxM-VI.

🚚 For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Base-8 (Pinned Trunks)		
Direct-Connect		→ Pinless – Pinless
Interconnect		→ Pinless – Pinless
Cross-Connect		→ Pinless – Pinless + Pinless – Pinless
1 patch cord configuration		

Duplex Fibre Patch Cords

Reverse polarity LC Uniboot patch cords allow for the quick-and-easy conversion from a TIA-568 A-B polarity to a TIA-568 A-A polarity without exposing the fibres or needing any tools. The patch cords come with a straight-through polarity from the factory, but can be easily converted into a flipped cable with no tools. The uniboot design allows one cable to carry 2 fibres, reducing the cable bulk when routing. LC Uniboot patch cords are manufactured with Corning® CleanAdvantage™ technology and shipped with optimised caps, eliminating the need for cleaning and scoping prior to initial field connection.



Duplex Fibre Patch Cords with LC and SC Connectors

Modify Last Digits of Part Number to Needed Length, e.g. 02M for 2 metre. All Offered Fibres are Bend-Insensitive.

Fibre Type	OM3	OM4*	OS2
Description	Part Number		
1 m LC Duplex – LC Duplex Fibre Patch Cord	050502T5Z20001M	050502Q5Z20001M	040402G5Z20001M
1 m LC Duplex – SC Duplex Fibre Patch Cord	055702T5Z20001M	055702Q5Z20001M	047202G5Z20001M

Fibre Patch Cords with LC Uniboot Connectors

Modify Last Digits of Part Number to Needed Length, e.g. 02M for 2 metre. All Offered Fibres are Bend-Insensitive.

Fibre Type	OM3	OM4*	OS2
Description	Part Number		
1 m LC Duplex – LC Duplex Uniboot Fibre Patch Cord	E797902TNZ20001M	E797902QNZ20001M	E787802GNZ20001M

For length variations and different fibre types or connector styles, please visit our online catalogue.

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Part numbers for OM4 heather violet patch cords end in -VI (example: E797902QNZ20001M-VI).

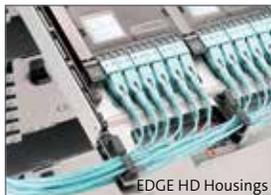


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EDGE™ Solutions

This is an overview of the complete EDGE™ solutions, to learn more, please visit www.corning.com/emea/en/edge



EDGE™ Housings

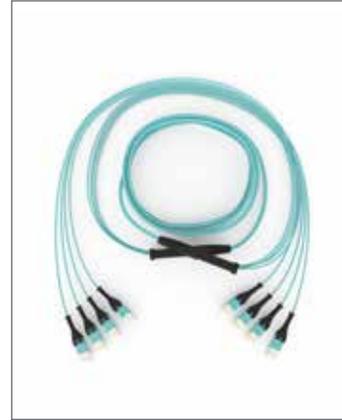
EDGE™ HD housings mount in 19-in racks or cabinets and provide industry-leading ultra-high-density connectivity when combined with EDGE modules, panels, harnesses, trunks, and patch cords. The unique design of EDGE HD housings include sliding drawers to enable module or panel installation from the front or rear of the housing. Each sliding drawer contains integrated cable routing elements to make real structured patch cord management possible whilst providing unprecedented finger access without the need for tools or any other accessories. The mounting and removal of trunks is a simple, quick, and tool-less operation enabling rapid deployment of high-fibre-count trunks for faster moves, adds, and changes (MACs).



EDGE™ Housings			
Description	Maximum Capacity EDGE Module	Maximum Capacity MTP® Panel (Base-12)	Catalogue Number
19-in 4U EDGE Housing with 12 separate sliding trays	288 x LC duplex ports (576 fibre)	288 x MTP ports (3,456 fibre)	EDGE-04U 
19-in 1U EDGE Housing with 3 separate sliding trays	72 x LC duplex ports (144 fibre)	72 x MTP ports (864 fibre)	EDGE-01U-SP 

EDGE™ Trunks

EDGE™ MTP® trunks are pre-terminated cables with 12-fibre MTP PRO connectors on either side. The trunks build up the major skeleton of the passive network infrastructure, and thanks to the superior design including Corning® ClearCurve® fibre, they enable rapid deployment for your campus LAN or data centre facility. All trunks are manufactured with MTP PRO push-pull connectors for easy mating and unmating in dense applications and Corning® CleanAdvantage™ technology. They are shipped with strain-relief clips, allowing for easy-and-quick tool-less installation in both EDGE8 solutions and Plug & Play™ systems housings.



EDGE™ Trunks			
Fibre Type	OM3	OM4**	OS2
Cable Colour	Aqua	Aqua	Yellow
Fibre Count	Catalogue Number	Catalogue Number	Catalogue Number
12	G757512TLZ88Uxxx.xM*	G757512QLZ88Uxxx.xM	G909012GLZ88Uxxx.xM
24	G757524TLZ88Uxxx.xM	G757524QLZ88Uxxx.xM	G909024GLZ88Uxxx.xM
48	G757548TLZ88Uxxx.xM	G757548QLZ88Uxxx.xM	On request
72	G757572TLZ88Uxxx.xM	G757572QLZ88Uxxx.xM	On request
96	G757596TLZ88Uxxx.xM	G757596QLZ88Uxxx.xM	On request
144	G7575E4TLZ88Uxxx.xM	G7575E4QLZ88Uxxx.xM	G9090E4GLZ88Uxxx.xM

*Select the trunk length (plug-to-plug): replace xxx.x with 001 to 999; M = metre

The first letter of the part code denotes the pulling grip type: G = grip on first end, D = grip on both ends, Z = no grip. For additional fibre counts up to 576 F, please check the online catalogue.

**For OM4 heather violet products, please contact Corning Customer Care.

Part numbers for OM4 heather violet patch cords end in -V1 (example: 757524QLZ88Uxxx.xM-V1).

🚩 For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

EDGE™ MTP® Adapter Panels

EDGE™ adapter panels are a pass-through patch panel with a single row of MTP® adapters. The backbone trunks connect at the rear of the adapters, with various options possible at the front, from end-to-end links with patch cable or harness solutions, or as a cross-connect used in the main distribution area (MDA). The MTP adapter panel is the easiest way to implement parallel optic applications in your data centre whilst retaining the existing hardware.

EDGE 72-fibre MTP panels (6x MTP) feature reversible translucent shuttered MTP adapters at the front of the panel.

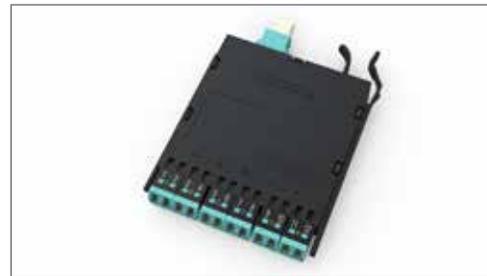


EDGE™ MTP® Adapter Panels			
Fibre Type	OM3	OM4*	OS2
MTP Adapters	Catalogue Number	Catalogue Number	Catalogue Number
2	EDGE-CP24-E3	EDGE-CP24-E3	EDGE-CP24-90
4	EDGE-CP48-E3	EDGE-CP48-E3	EDGE-CP48-90
6	EDGE-CP72-U3	EDGE-CP72-U3	EDGE-CP72-U1

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

EDGE™ Modules

EDGE™ modules provide the interface between the MTP® connector on the trunk and the LC duplex patch cords that connect directly into the electronics or as a cross-connect in the main distribution area (MDA). LC duplex adapters on EDGE modules feature hinged VFL-compatible shutters that move up and out of the way when the connector is inserted. Specially designed indents in the shutters ensure that the end faces of the connectors are never touched. These shutters replace the standard dust caps that are typically never replaced after initial removal, exposing the interior end faces to dust particles and possible damages.



EDGE™ Universal Modules

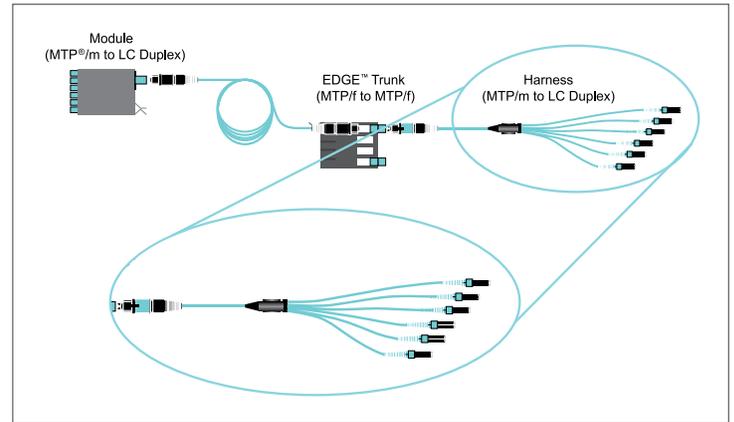
Fibre Type	OM3	OM4*	OS2
Connector Type	Catalogue Number	Catalogue Number	Catalogue Number
PC	ECM-UM12-05-93T	ECM-UM12-05-93Q	–
UPC	–	–	ECM-UM12-04-89G

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com. Modules in heather violet end in -VI (example: ECM-UM12-05-93Q-VI).

EDGE™ Trunk Harness MTP® (with pins) to 6x LC Duplex

The EDGE™ trunk harness is designed to facilitate an interconnect point when the electronics are located in a separate area from the cross-connect or patching field. The harness comes with duplex LC connectors to interface with the electronics and a pinned MTP PRO push-pull connector to connect into a trunk. This can be used in an equipment distribution area (EDA). They are manufactured with Corning® CleanAdvantage™ technology and shipped with optimised dust caps, eliminating the need for scoping and cleaning prior to initial field connection.

For polarity guidance, please refer to [AEN 156](#).
For stagger selection, please refer to [AEN 157](#).



EDGE™ Trunk Harness MTP® PRO (with pins) to 6x LC Duplex			
Fibre Type	OM3	OM4**	OS2
Cable Colour	Aqua	Aqua	Yellow
Stagger Type	Catalogue Number	Catalogue Number	Catalogue Number
1	H937912TLZ-1Axxx.xM*	H937912QLZ-1Axxx.xM	H897812GLZ-1Axxx.xM
2	H937912TLZ-2Axxx.xM	H937912QLZ-2Axxx.xM	H897812GLZ-2Axxx.xM
3	H937912TLZ-3Axxx.xM	H937912QLZ-3Axxx.xM	H897812GLZ-3Axxx.xM
4	H937912TLZ-4Axxx.xM	H937912QLZ-4Axxx.xM	H897812GLZ-4Axxx.xM
5	H937912TLZ-5Axxx.xM	H937912QLZ-5Axxx.xM	H897812GLZ-5Axxx.xM

*Select the harness length (tip-to-tip): replace xxx.x with 000.5-006.5; M = metre Harnesses can be ordered in 0.5 m increments

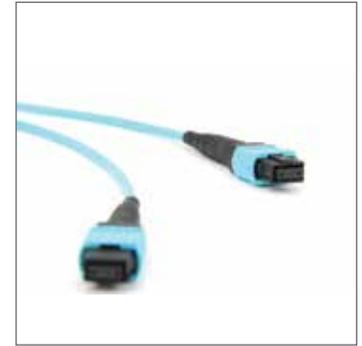
**For OM4 heather violet products, please contact Corning Customer Care. Harnesses in heather violet end in -VI (example: H937912QLZ-2Axxx.xM-VI).

🚚 For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

MTP® PRO Patch Cords for Parallel Optic Applications

EDGE™ MTP PRO patch cords are used to create a connection between MTP adapter panels, conversion modules, and electronics, typically providing connectivity within the rack or within the row. With a 2.0 mm outside diameter they are smaller than traditional 12-fibre patch cords, providing improved finger access as well as reduced congestion and increased airflow in the horizontal and vertical rack space.

MTP patch cords are manufactured using Corning® CleanAdvantage™ technology and shipped with optimised dust caps, eliminating the need for cleaning and scoping prior to the initial field connection. They are built with MTP PRO push-pull connectors, allowing for a simple field-pinning and polarity change without removing the connector housing and allowing for easy mating/unmating in extreme dense applications.



Patch Cord Type	Application	Pin Option	To be Used with Trunk	Patch Cord Polarity
1	Direct-connect	Without pins – without pins	Type B (Universal)	
2	Interconnect	With pins – without pins	Type B (Universal)	Type B (Universal)
3	Cross-connect	With pins – with pins	Type B (Universal)	Type B (Universal)

Fibre Type	OM3	OM4**	OS2	Fibre Type
Cable Colour	Aqua	Aqua	Yellow	Cable Colour
Patch Cord Type	Catalogue Number	Catalogue Number	Catalogue Number	Length
1	J757512TEZ-NBxxxM*	J757512QEZ-NBxxxM	J909012GEZ-NBxxxM	1 up to 20 m
2	J759312TEZ-NBxxxM	J759312QEZ-NBxxxM	J899012GEZ-NBxxxM	1 up to 20 m
3	J939312TEZ-NBxxxM	J939312QEZ-NBxxxM	J898912GEZ-NBxxxM	1 up to 20 m

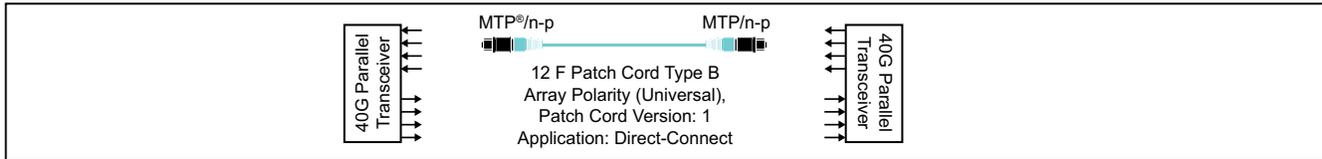
*Select the patch cord length (tip-to-tip): replace NBxxxM to NB001M for 1 m up to NB020M for 20 m. Patch cords can be ordered in 0.5 m increments.

**For OM4 heather violet products, please contact Corning Customer Care. Patch cords in heather violet end in -VI (example: J757512QEZ-NBxxxM-VI)

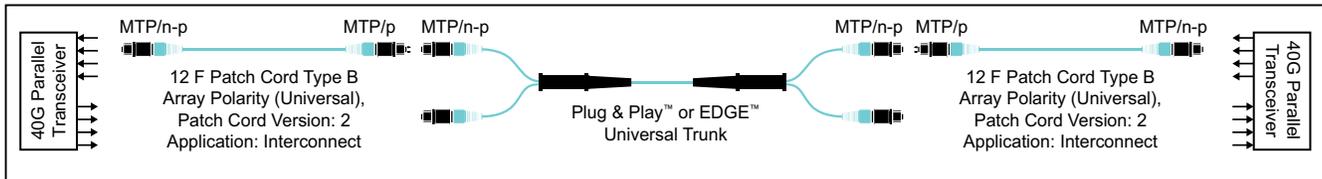
For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

MTP® PRO Patch Cords for Parallel Optic Applications

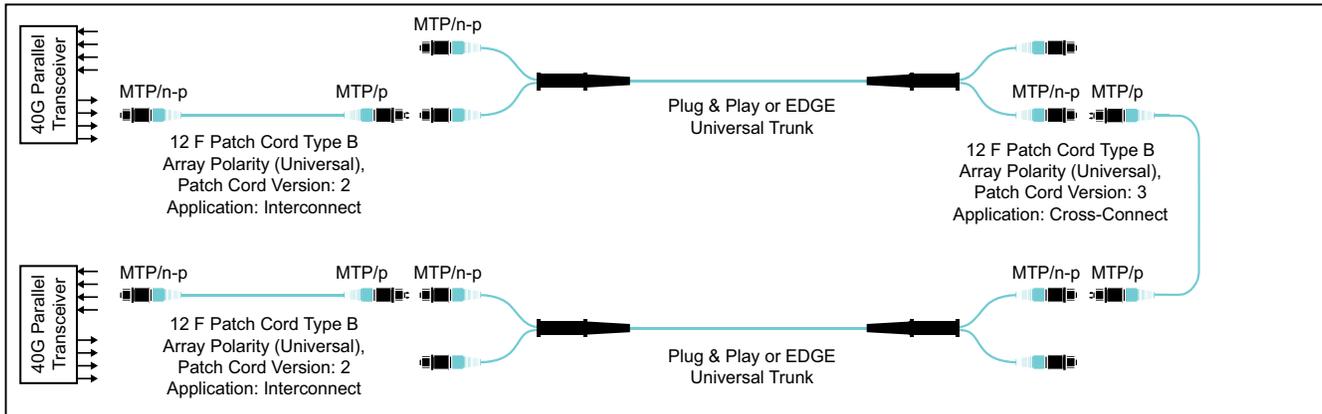
Application: Direct-Connect (connection between active parallel optic devices)



Application: Interconnect (connection from device to patch panel)

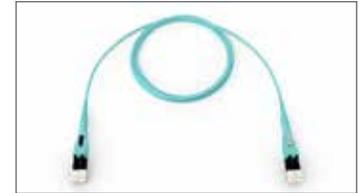
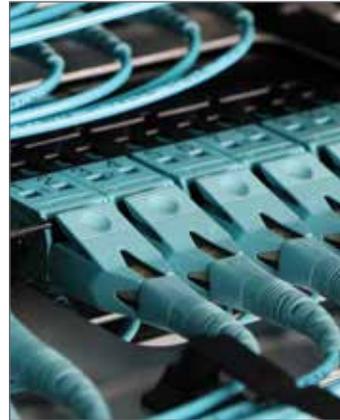


Application: Interconnect and Cross-Connect (connection from patch panel to patch panel)



Duplex Fibre Patch Cords

Reverse polarity LC Uniboot patch cords allow for the quick-and-easy conversion from a TIA-568 A-B polarity to a TIA-568 A-A polarity without exposing the fibres or needing any tools. The patch cords come with a straight-through polarity from the factory, but can be easily converted into a flipped cable with no tools. The uniboot design allows one cable to carry 2 fibres, reducing the cable bulk when routing. LC Uniboot patch cords are manufactured with Corning® CleanAdvantage™ technology and shipped with optimised caps, eliminating the need for cleaning and scoping prior to initial field connection.



Duplex Fibre Patch Cords with LC and SC Connectors

Modify Last Digits of Part Number to Needed Length, e.g. 02M for 2 metre. All Offered Fibres are Bend-Insensitive.

Fibre Type	OM3	OM4**	OS2
Description	Part Number		
1 m LC Duplex – LC Duplex Fibre Patch Cord	050502T5Z20001M	050502Q5Z20001M	040402G5Z20001M
1 m LC Duplex – SC Duplex Fibre Patch Cord	055702T5Z20001M	055702Q5Z20001M	047202G5Z20001M

Fibre Patch Cords with LC Uniboot Connectors

Modify Last Digits of Part Number to Needed Length, e.g. 02M for 2 metre. All Offered Fibres are Bend-Insensitive.

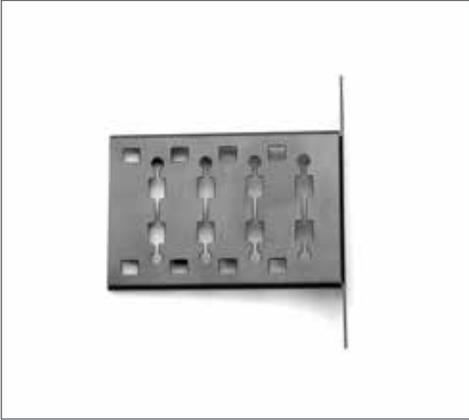
Fibre Type	OM3	OM4**	OS2
Description	Part Number		
1 m LC Duplex – LC Duplex Uniboot Fibre Patch Cord	E797902TNZ20001M	E797902QNZ20001M	E787802GNZ20001M

For length variations and different fibre types or connector styles, please visit our online catalogue.

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Part numbers for OM4 heather violet patch cords end in -VI (example: E797902QNZ20001M-VI).

EDGE™ and EDGE8® Accessories



Description	Description	Description
EDGE™ Solutions Strain-Relief Bracket, CDF, accommodating four EDGE solutions clips	Single-Fibre Port Cleaner for LC, keyed LC, and MU connector end faces for both UPC and APC polishes	Fibre Optic Cleaning Tool for MTP® connectors
Catalogue Number	Catalogue Number	Catalogue Number
EDGE-CDF-RJ04-BKT	CLEANER-PORT-LC	2104466-01
Units per Delivery	Units per Delivery	Units per Delivery
1/1	1/1	1/1

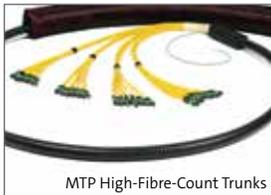
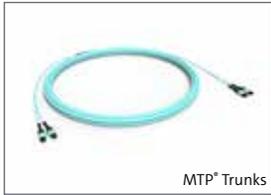


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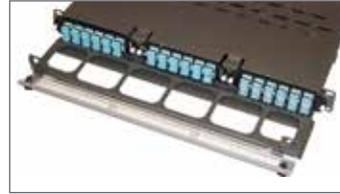
Plug & Play™ Systems

This is an overview of the Plug & Play™ systems, for more information, please refer to [our online catalogue](#).



PCH Plug & Play™ Housings

PCH Plug & Play™ housings mount in 19-in racks or cabinets and provide industry-leading density when combined with Plug & Play modules, panels, harnesses, trunks, and patch cords. The housings enable quick deployment of the module or panel in the housing. The PCH-M3-01U contains a sliding drawer with integrated patch cable protection and a labelling element on the rear side of the front door. The PCH-04U housing contains an integral hinged patch cord manager on the front which can be locked in the “up” position for an additional 1U of horizontal patch cord management or left in the default “down” position to provide additional capacity for routing along the top of the housing. Mounting and removal of trunks in both housings is a simple, quick, and tool-less operation enabling rapid deployment. Additional mounting brackets for trunks are shown on the accessory page.



PCH Plug & Play™ Housings			
Description	Maximum Capacity Plug & Play Module	Maximum Capacity MTP* Panel (Base-12)	Catalogue Number
19-in 4U Plug & Play Housing for up to 12 Plug & Play modules or CCHE adapter panels	144 x LC Duplex Ports (288 fibre)	144 x MTP Ports (1,728 fibre)	PCH-04U 
19-in 1U Plug & Play Housing for up to 3 Plug & Play modules or CCHE adapter panels	36 x LC Duplex Ports (72 fibre)	36 x MTP Ports (432 fibre)	PCH-M3-01U 

Plug & Play™ Trunks

Plug & Play™ MTP® PRO trunks are pre-terminated cables with 12-fibre MTP PRO connectors with push-pull boots on either side. The trunks build up the major skeleton of the passive network infrastructure, and thanks to the superior design including Corning® ClearCurve® fibres, they enable rapid deployment for your campus LAN or data centre facility.



Plug & Play™ Trunks			
Fibre Type	OM3***	OM4**/***	OS2
Cable Colour	Aqua	Aqua	Yellow
Fibre Count	Catalogue Number	Catalogue Number	Catalogue Number
12	N696912TEZDDUxxxM*	N696912QEZDDUxxxM	N909012GEZDDUxxxM
24	N696924TEZDDUxxxM	N696924QEZDDUxxxM	N909024GEZDDUxxxM
48	N696948TEZDDUxxxM	N696948QEZDDUxxxM	N909048GEZDDUxxxM
72	N696972TEZDDUxxxM	N696972QEZDDUxxxM	N909072GEZDDUxxxM
96	N696996TEZDDUxxxM	N696996QEZDDUxxxM	N909096GEZDDUxxxM
144	N6969E4TEZDDUxxxM	N6969E4QEZDDUxxxM	N9090E4GEZDDUxxxM

*Select the trunk length (furcation point to furcation point): replace xxx with 001 to 999; M = metre

The first letter of the part code denotes the pulling grip type: A = grip on first end, B = grip on both ends, N = no grip

** For OM4 heather violet product, please contact Corning Customer Care. Trunks in heather violet end in -VI (example: N696912QEZDDUxxxM-VI).

***Low Loss option for Multimode available per request

🚚 For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Plug & Play™ Modules

Plug & Play™ modules provide the interface between the MTP® PRO connector on the trunk and the LC duplex patch cords that connect directly into the electronics or as a cross-connect in the main distribution area (MDA). The internal wiring based on universal polarity ensures the correct fibre polarity throughout the entire system independent of how many modules are implemented within the link. Specially designed indents in the shutters ensure that the end faces of the connectors are never touched. In addition, the shutters are visual fault locator (VFL) compatible allowing easy port identification whilst defusing the VFL light to provide adequate eye safety.



Plug & Play™ Universal Modules

Fibre Type	OM3	OM4*	OM2	Fibre Type
Connector Type	Catalogue Number	Catalogue Number	Catalogue Number	Adapter Colour Front
PC	CCH-UM24-05-93T	CCH-UM24-05-93Q	–	Aqua
UPC	–	–	CCH-UM24-04-89R	Blue

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Plug & Play™ Adapter Panels

Plug & Play™ adapter panels are a pass-through patch panel with a single row of MTP® adapters. The backbone trunks connect at the rear of the adapters, and then various options are possible at the front, from end-to-end links with patch cord or harness solutions, or as a cross-connect used in MDA. The MTP adapter panel is a simple way to implement parallel optic applications in your data centre whilst retaining the existing hardware. All Plug & Play adapter panels can be installed from the front or the rear of any Plug & Play hardware using a simple release mechanism, negating the need for any specialised tools.



Plug & Play™ Adapter Panels

Fibre Type	OM3	OM4*	OM2
Connector Type	Catalogue Number	Catalogue Number	Catalogue Number
6x MTP*	CCHE-CP72-E3	CCHE-CP72-E3	CCHE-CP72-89
8x MTP	CCHE-CP96-E3	CCHE-CP96-E3	CCHE-CP96-89
12x MTP	CCHE-CPE4-E3	CCHE-CPE4-E3	CCHE-CPE4-89
12 LC Duplex	CCHE-CP24-E4	CCHE-CP24-E4	CCHE-CP24-04

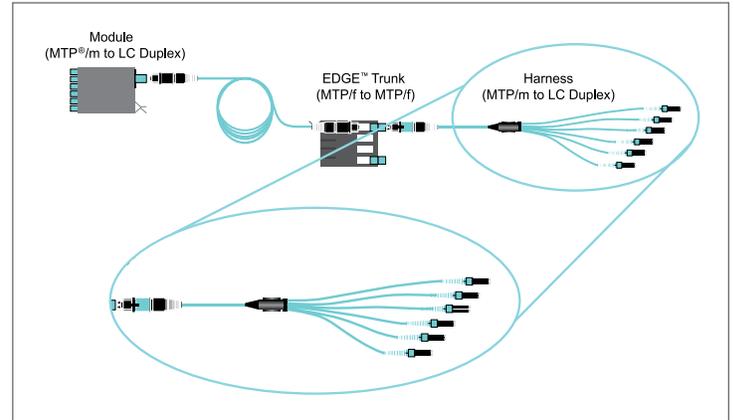
*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.



Plug & Play™ Trunk Harness MTP® PRO (with pins) to 6x LC Duplex

The Plug & Play™ trunk harness is designed to facilitate an inter-connect point when the electronics are located in a separate area from the cross-connect or patching field. The harness comes with duplex LC connectors to interface with the electronics and a pinned MTP® PRO push-pull connector to connect into a trunk. This can be used in an equipment distribution area (EDA).

For polarity guidance, please refer to [AEN 156](#).
For stagger selection, please refer to [AEN 157](#).



Fibre Type	OM3	OM4**	OS2
Cable Colour	Aqua	Aqua	Yellow
Leg Length	Catalogue Number	Catalogue Number	Catalogue Number
300 mm	H930512TEZ-JAxxx.xM*	H930512QEZ-JAxxx.xM	H890412GEZ-JAxxx.xM
600 mm	H930512TEZ-KAxxx.xM	H930512QEZ-KAxxx.xM	H890412GEZ-KAxxx.xM
900 mm	H930512TEZ-LAxxx.xM	H930512QEZ-LAxxx.xM	H890412GEZ-LAxxx.xM
1500 mm	H930512TEZ-NAxxx.xM	H930512QEZ-NAxxx.xM	H890412GEZ-NAxxx.xM
2000 mm	H930512TEZ-QAxxx.xM	H930512QEZ-QAxxx.xM	H890412GEZ-QAxxx.xM

*Select the harness length (MTP to furcation point): replace xxx.x with 000.5-006.5; M = metre Harnesses can be ordered in 0.5 m increments

**For OM4 heather violet products, please contact Corning Customer Care. Harnesses in heather violet end in -VI (example: H937912QLZ-1Axxx.xM-VI).

For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

MTP® PRO Patch Cords for Parallel Optic Applications

EDGE™ MTP PRO patch cords are used to create a connection between MTP adapter panels, conversion modules, and electronics, typically providing connectivity within the rack or within the row. With a 2.0 mm outside diameter they are smaller than traditional 12-fibre patch cords, providing improved finger access as well as reduce congestion and increase airflow in the horizontal and vertical rack space.

MTP patch cords are manufactured using Corning® CleanAdvantage™ technology and shipped with optimised dust caps, eliminating the need for cleaning and scoping prior to the initial field connection. They are built with MTP PRO push-pull connectors, allowing for a simple field-pinning and polarity change without removing the connector housing and allowing for easy mating/unmating in extreme dense applications.



Patch Cord Type	Application	Pin Option	To be Used with Trunk	Patch Cable Polarity
1	Direct-connect	Without pins – without pins	Type B (Universal)	
2	Interconnect	With pins – without pins	Type B (Universal)	Type B (Universal)
3	Cross-connect	With pins – with pins	Type B (Universal)	Type B (Universal)

Fibre Type	OM3	OM4**	OS2	Fibre Type
Cord Colour	Aqua	Aqua	Yellow	Cable Colour
Patch Cable Type	Catalogue Number	Catalogue Number	Catalogue Number	Length
1	J757512TEZ-NBxxxM*	J757512QEZ-NBxxxM	J909012GEZ-NBxxxM	1 up to 20 m
2	J759312TEZ-NBxxxM	J759312QEZ-NBxxxM	J899012GEZ-NBxxxM	1 up to 20 m
3	J939312TEZ-NBxxxM	J939312QEZ-NBxxxM	J898912GEZ-NBxxxM	1 up to 20 m

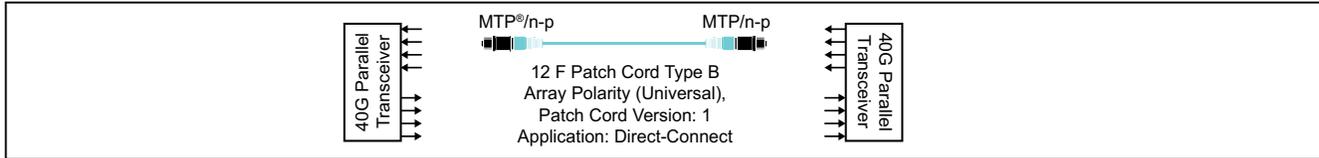
*Select the patch cord length (tip-to-tip): replace NBxxxM to NB001M for 1 m up to NB020M for 20 m. Patch cords can be ordered in 0.5 m increments.

**For OM4 heather violet products, please contact Corning Customer Care. Patch cords in heather violet end in -VI (example: J757512QEZ-NBxxxM-VI)

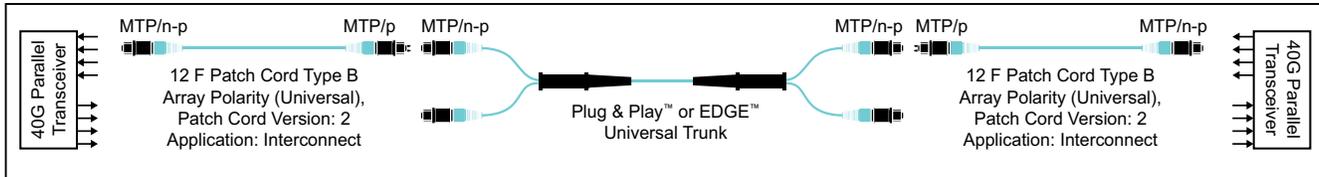
🚚 For select items under the FastShip/FastConnect Programmes, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Plug & Play™ MTP® PRO Patch Cord for Parallel Optic Applications

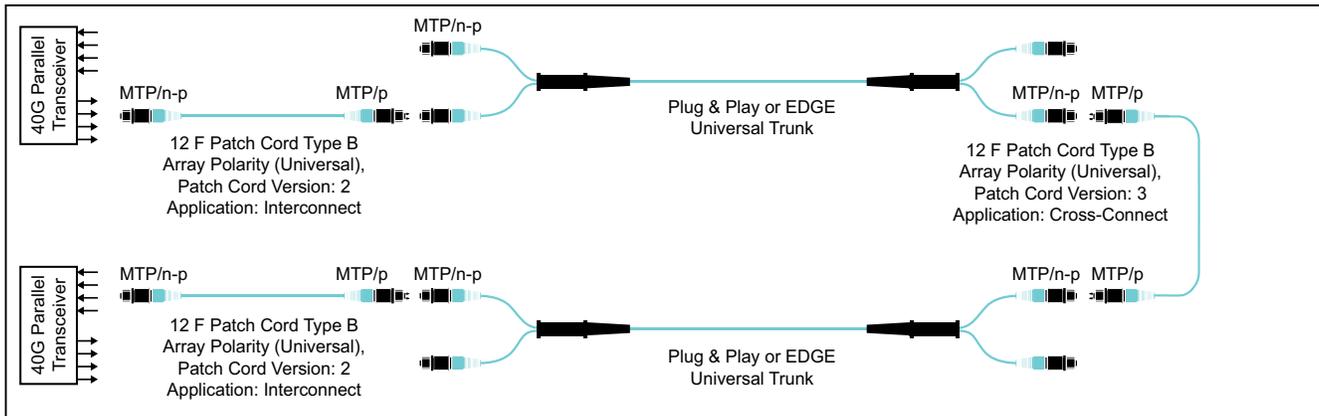
Application: Direct-Connect (connection between active parallel optic devices)



Application: Interconnect (connection from device to patch panel)

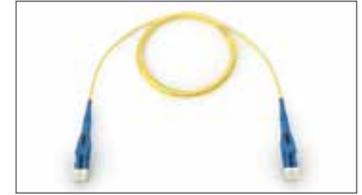


Application: Interconnect and Cross-Connect (connection from patch panel to patch panel)



Duplex Fibre Patch Cords

Reverse polarity LC Uniboot patch cords allow for the quick-and-easy conversion from a TIA-568 A-B polarity to a TIA-568 A-A polarity without exposing the fibres or needing any tools. The patch cords come with a straight-through polarity from the factory, but can be easily converted into a flipped cable with no tools. The uniboot design allows one cable to carry 2 fibres, reducing the cable bulk when routing. LC Uniboot patch cords are manufactured with Corning® CleanAdvantage™ technology and shipped with optimised caps, eliminating the need for cleaning and scoping prior to initial field connection.



Duplex Fibre Patch Cords with LC and SC Connectors

Modify Last Digits of Part Number to Needed Length, e.g. 02M for 2 metre. All Offered Fibres are Bend-Insensitive.

Fibre Type	OM3	OM4*	OS2
Description	Part Number		
1 m LC Duplex – LC Duplex Fibre Patch Cord	050502T5Z20001M	050502Q5Z20001M	040402G5Z20001M
1 m LC Duplex – SC Duplex Fibre Patch Cord	055702T5Z20001M	055702Q5Z20001M	047202G5Z20001M

Fibre Patch Cords with LC Uniboot Connectors

Modify Last Digits of Part Number to Needed Length, e.g. 02M for 2 metre. All Offered Fibres are Bend-Insensitive.

Fibre Type	OM3	OM4*	OS2
Description	Part Number		
1 m LC Duplex – LC Duplex Uniboot Fibre Patch Cord	E797902TNZ20001M	E797902QNZ20001M	E787802GNZ20001M

For length variations and different fibre types or connector styles, please visit our online catalogue.

*For OM4 heather violet products, please contact Corning Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Part numbers for OM4 heather violet patch cords end in -VI (example: E797902QNZ20001M-VI).

Standard Plug & Play™ Accessories



Description	Description	Description
Plug & Play™ Solutions Bracket for side installation, accommodating up to two CCH-modules or CCHÉ-panels	Single-Fibre Port Cleaner for LC, keyed LC, and MU connector end faces for both UPC and APC polishes	Fibre Optic Cleaning Tool for MTP® connectors
Catalogue Number	Catalogue Number	Catalogue Number
RBC-02P	CLEANER-PORT-LC	2104466-01
Units Per Delivery	Units Per Delivery	Units Per Delivery
1/1	1/1	1/1



Description	Description	Description
Plug & Play Solutions Strain-Relief Bracket for PCH-4U housings, accommodating up to three Plug & Play solutions clips	Plug & Play Solutions Strain-Relief Bracket, accommodating up to six Plug & Play solutions clips	Plug & Play Solutions Strain-Relief Bracket, accommodating one Plug & Play solutions clip
Catalogue Number	Catalogue Number	Catalogue Number
PC4-RJ04-STR	CDF-RJ06-BKT	CDF-RJ-BKT
Units Per Delivery	Units Per Delivery	Units Per Delivery
1/1	1/1	1/1

To view test reports for your Plug & Play™ universal systems and EDGE™ solutions equipment, please visit:

<https://customer3.corning.com/ftoedge/default.aspx>

Simply follow the instructions as shown on the screen shot below.

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Fibre Test and Orientation Reporting

To view test reports of Plug & Play™ universal systems and EDGE™ solutions modules, trunks, harnesses, and uniboot jumpers:

1. Locate the serial number on the product. To see where this is located, click [here](#).
2. Type the serial number in the search bar and click Search. Your report will be provided in PDF format.
3. Having problems finding your results? Try these [troubleshooting tips](#).

Serial Number:

Search

Reset





FutureCom™ EA & Plug & Play™ Systems Contents

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FutureCom™ EA Plug & Play™ Systems

This is an overview of the FutureCom™ EA Plug & Play™ systems, but not all products are listed in the core catalogue. To learn more, please refer to [our online catalogue](#).



19-in 1U Copper Panel with 24 Ports



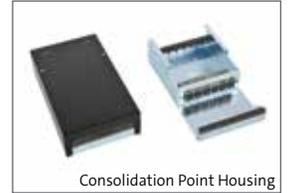
19-in 1U HD Copper Panel with 48 Ports



19-in 1.5U HD Angled Copper Panel with 48 Ports



Accessories for HD Angled Copper Panel



Consolidation Point Housing



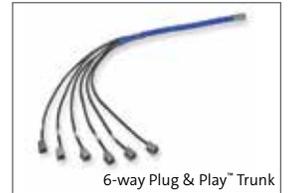
Shielded Copper Modules



Shielded Patch Cord



Shielded Copper Cables



6-way Plug & Play Trunk



CP Patch Cord



12-way Multiport Clamp



12-way Switch Port Cables with Clamp



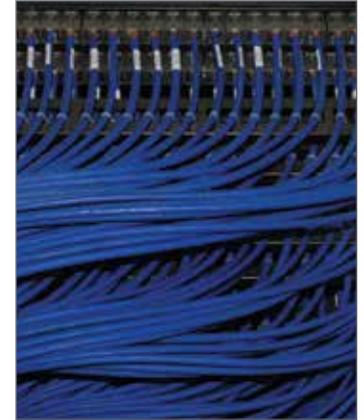
16-way Multiport Clamp



6-way CP Patch Cord

FutureCom™ EA Panels

FutureCom™ EA patch panels are universal for all 19-in rack/cabinet installations. They are available in black or stainless steel and are intended for flush-mounting installations. This concept allows a high-density solution for the application of choice in your data centre. Installation of the module in the panel is quick and easy and simply clicks into place.



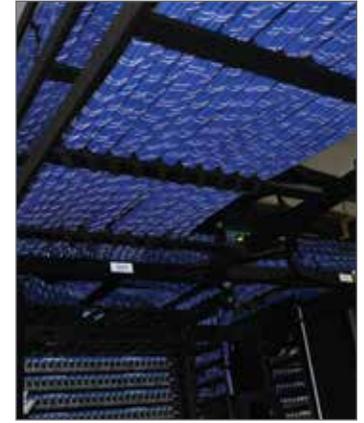
Data Centre Hardware

Description	Colour	Maximum Capacity	Rack Units	Catalogue Number
19-in LANscape® Solutions Panel, empty	Silver	24 x slots	1U	WAXWSV-02400-C001 
19-in LANscape Solutions Panel, empty	Black	24 x slots	1U	WAXWSV-02408-C001 
19-in Angled LANscape Solutions Panel, empty	Silver	24 x slots	1U	WAXWOV-02400-C001
19-in Angled LANscape Solutions Panel, empty	Black	24 x slots	1U	WAXWOV-02408-C001 
19-in High-Density LANscape Solutions Panel, empty	Silver	48 x slots	1U	CAXASV-04800-C001
19-in High-Density LANscape Solutions Panel, empty	Black	48 x slots	1U	CAXASV-04808-C001
19-in High-Density Angled LANscape Solutions Panel, empty	Silver	48 x slots </td <td>1,5U</td> <td>WAXWOV-04800-C001</td>	1,5U	WAXWOV-04800-C001
19-in High-Density Angled LANscape Solutions Panel, empty	Black	48 x slots	1,5U	WAXWOV-04808-C001



FutureCom™ EA Plug & Play™ Trunks

The FutureCom™ EA Plug & Play™ trunks are terminated with jacks or connectors and are specified for applications up to 500 MHz. The combination of high-end copper cables with pre-terminated connectivity provides high-system margins for the complete cable link according to Class EA. The advantages of a preassembled system cable include reduced assembly costs, reduced installation time, the elimination of assembly mistakes, and consistent high quality.



FutureCom™ EA 6-Way Plug & Play™ Trunks

Solution	Links	Catalogue Number	Description	Core Characteristics	Side A	Side B	Category
EA Trunk	6	CCAADA-F2673-AXXX-C0	FutureCom EA Plug & Play Solution, Cat. 6 _A	FRNC	S500	S500	6 _A
Example	6	CCAADA-F2673-A150-C0	FutureCom EA, 6-way, Cat. 6 _A Plug & Play trunk, 6 x 4 pair with overall LSZH™ sheath, both ends terminated with S500 Cat. 6 _A jacks, 15 m long	Highest flexibility Smallest diameter Lowest fire rate			
EA Trunk	6	CCAABA-F2673-AXXX-C0	FutureCom EA Plug & Play Solution, Cat. 6 _A	FRNC	S500	S500	6 _A
Example	6	CCAABA-F2673-A150-C0	FutureCom EA, 6-way Plug & Play trunk, 6 x 4 pair AWG26 with overall LSZH sheath, both ends terminated with S500 Cat. 6 _A jacks, 15 m long	Meets EN 50575 - Cca-s1a,d2,a1	Limited to 60 m		
EA Trunk	6	CCAADB-F1673-AXXX-C0	FutureCom EA Plug & Play Solution, Cat. 6 _A	FRNC	S500	S500	6 _A
Example	6	CCAADB-F1673-A050-C0	FutureCom EA, 6-way Plug & Play trunk, 24 pair AWG23 with overall LSZH sheath, both ends terminated with S500 Cat. 6 _A jacks, 5 m long	Meets EN 50575 - B2ca-s1a,d1,a1	Limited to 80 m		

FutureCom EA Simplex Plug & Play Trunks

Solution	Links	Catalogue Number	Description	Core Characteristics	Side A	Side B	Category
EA Trunk	1	CCAADB-F2073-AXXX-C0	FutureCom EA Plug & Play Solution, Cat. 6 _A	FRNC	S500	S500	6 _A
Example	1	CCAADB-F2073-A150-C0	FutureCom EA, simplex, S/FTP, Cat. 6 _A Plug & Play trunk. Single S/FTP, both ends terminated with S500 Cat. 6 _A jacks, 15 m long	Good flexibility Low fire rate			
EA Trunk	1	CCAAGB-F1072-AXXX-C0	FutureCom EA Plug & Play Solution, Cat. 6 _A	FRNC	S500	S500	6 _A
Example	1	CCAAGB-F1072-A050-C0	FutureCom EA, simplex, flex S/FTP, Cat. 6 _A Plug & Play trunk. Single flex S/FTP cable (high-flexibility patch cable), one end terminated with an S500 Cat. 6 _A jack and the other with an RJ45 jack	High flexibility Low fire rate			

FutureCom™ EA Jacks

The FutureCom™ EA cabling solution is based on the S500 jack offering high-system margins for the transmission of digital data signals, compliant with Class EA and is fully supported by power-over-Ethernet Plus (PoE+). The integrated, flexible dust cover may be easily removed, if desired, and serves as protection for unused ports. Different cable routing for various installation challenges is possible with the variable cable entry for 0 degrees and 90 degrees.

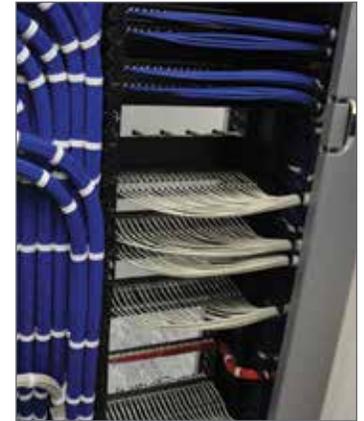


Copper Termination Modules

Solution	Type	Description	Category	Catalogue Number	
FutureCom™ EA	S500	Corning FutureCom EA S500 Cat. 6 _A Jack, 1 x RJ45 Cat. 6 _A , shielded, with dust cover, LANscape® solutions footprint	6 _A	CAXASM-00104-C001	🚩
FutureCom EA	S500	Corning FutureCom EA S500 Cat. 6 _A Flex Jack, 1 x RJ45 Cat. 6 _A , shielded, with dust cover, for flex cable, LANscape solutions footprint	6 _A	CAXASM-00104-C002	🚩
FutureCom EA	S500	Corning FutureCom EA S500 Cat. 6 _A Keystone Jack, 1 x RJ45 Cat. 6 _A , shielded, with dust cover, Keystone footprint	6 _A	CAXBSM-00104-C001	🚩
FutureCom EA	S500	Corning FutureCom EA S500 Cat. 6 _A Keystone Flex Jack, 1 x RJ45 Cat. 6 _A , shielded, with dust cover, for flex cable, Keystone footprint	6 _A	CAXBSM-00104-C002	🚩

FutureCom™ EA Cables

FutureCom™ EA cables are low-skew products, i.e., the difference in propagation delay between the individual pairs is very low. This is increasingly being requested for 1/10 Gigabit Ethernet. The suitability of the cable for high-bit-rate transmission systems ensures a high degree of future readiness. Additional features are the slim design and low weight of the cables. Each pair is individually shielded with foil (foil twisted pair – FTP).



Data Centre Cable

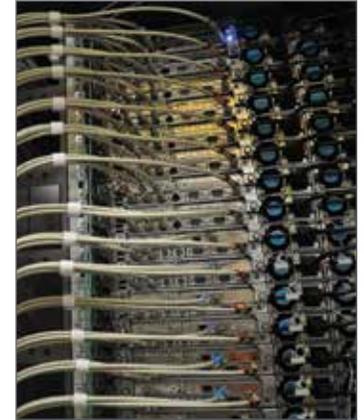
Solution	Type	Description	Reel Length	Category	Catalogue Number
FutureCom™ EA	S/FTP	FutureCom EA, S/FTP 550/23, LSOH-3 cable: 550 MHz, AWG 23, 4 pairs, blue, FRNC	1000 m	6 _A	CCXEDR-D0047-C003-L7 
FutureCom F	S/FTP	FutureCom F, S/FTP 800/23, LSOH-3 cable: 800 MHz, AWG 23, 4 pairs, blue, FRNC	1000 m	7	CCXEDB-F0047-C001-L7 
FutureCom FA	S/FTP	FutureCom FA, S/FTP 1200/22, LSOH-3 cable: 1200 MHz, AWG 22, 4 pairs, blue, FRNC	1000 m	8	CCXFCB-L0047-C001-L7 

For more information on CPR reaction to fire performance class please visit our online catalogue.
Download Declaration of Performance documents online from corning.com/opcomm/cpr



FutureCom™ EA Patch Cords

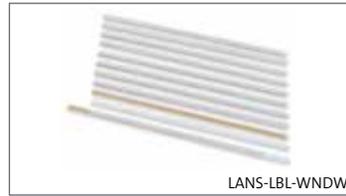
The FutureCom™ EA S/FTP flex/26 patch cord is terminated with IEC 60603-7-51 standards-compliant RJ45 connectors. The patch cables are designed for the transmission of digital data signals, including future applications in 10GbE systems compliant with Class EA (ISO/IEC 11801 AMD: 1 2008 & AMD: 2 2010), Cat. 6_A (ANSI/TIA/EIA 568B.2-10) and IEEE 802.3an standards. The patch cords support power-over-Ethernet (PoE) applications in compliance with IEEE 802.3af (2003) and power-over-Ethernet plus (PoE+).



Data Centre Copper Patch Cords: Cat. 6 _A											
Performance		Colours		Lengths						Description	Catalogue Number
Class E	Class EA	Grey	Blue	1 m	2 m	3 m	4 m	5 m	10 m		
				▶						1 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), grey	CCAAGB-G1002-A010-C0
					▶					2 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), grey	CCAAGB-G1002-A020-C0
						▶				3 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), grey	CCAAGB-G1002-A030-C0
							▶			4 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), grey	CCAAGB-G1002-A040-C0
								▶		5 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), grey	CCAAGB-G1002-A050-C0
									▶	10 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), grey	CCAAGB-G1002-A100-C0
			▶							1 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), blue	CCAAGB-G2002-A010-C0
					▶					2 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), blue	CCAAGB-G2002-A020-C0
						▶				3 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), blue	CCAAGB-G2002-A030-C0
							▶			4 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), blue	CCAAGB-G2002-A040-C0
								▶		5 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), blue	CCAAGB-G2002-A050-C0
									▶	10 m Cat. 6 _A Shielded Copper Patch Cord (RJ45-RJ45), blue	CCAAGB-G2002-A100-C0

Additional colours and lengths available upon request

Copper Cable Management, Tools, and Consumables



Copper Cable Management	
Description	Catalogue Number
1U Patch Cord Management Panel, black	WAXWSW-00008-C007 
1U Patch Cord Guides (left and right), black	WAXWSW-00008-C006
1.5U Patch Cord Guides (left and right), black	WAXWSW-00008-C010
1U Patch Cord Management Panel, silver	WAXWSW-00000-C007 
1U Patch Cord Guides (left and right), silver	WAXWSW-00000-C006
1.5U Patch Cord Guides (left and right), silver	WAXWSW-00000-C010
Self-Adhesive Labeling Windows, including paper strips (pack of 10)	LANS-LBL-WNDW 

Copper Tools and Consumables	
Description	Catalogue Number
Copper Conducting Tape (needed for S10TENE/S500 jacks)	CAXCSN-00000-C011 
Release Tool For FutureCom™ jacks	CAXCSN-00000-C012 



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