



CORNING

FTTH Networks

Core Products EMEA



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Fibre to the Home (FTTH)

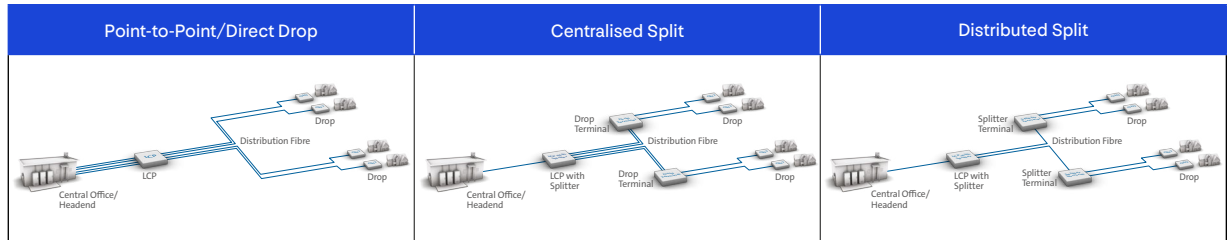
Connect to World-Class FTTH Innovation

FTTH is the installation and use of optical fibre and connectivity to provide high-speed broadband access to individual buildings or multidwelling units (MDUs).

Whether your deployment is to a single-family unit (SFU) or MDU, you can count on our FTTH expertise.

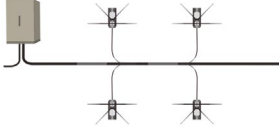
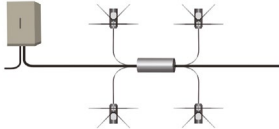
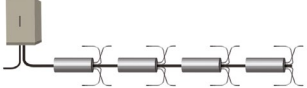
With over 20 years' experience passing more than 100 million homes connected, our Evolv® access network solutions set the standard for innovative, field-proven FTTH deployments. Our portfolio of products and engineering support is designed to address your specific challenges from speed of deployment, labour and cost considerations, performance requirements, futurereadiness, and more.

FTTH Network Architectures



	Point-to-Point/Direct Drop	Centralised Split	Distributed Split
Consolidated Point for Cable and Splicing Management	Yes	Yes	No
Cabinets in the Field	Yes, as aggregation point	Yes	Yes
Upfront Network CapEx	High	Moderate	Low
Fibre Density in Feeder/Distribution	Rich feeder and distribution cables	Lean feeder and rich distribution cables	Lean feeder and distribution cables
OLT Ports Efficiency	Best	Best	Fair to poor
Supports Efficient Growth Strategy	High	High	Low to medium
Split Ratios Flexibility	High	High	Low to medium
Easily Adaptable	Best	Best	Fair to poor
Quick Facts	<ul style="list-style-type: none"> Typically deployed to subscribers within five miles of central office in conjunction with centralised split and distributed split architectures Home run architectures offer dedicated fibre from CO/HE to each subscriber with no splitters in the field, resulting in the most fibre-rich network architecture 	<ul style="list-style-type: none"> Most common architecture deployed in the United States and Canada A single, centralised location for housing splitters in the field optimises OLT ports while leaning out the feeder network 	<ul style="list-style-type: none"> Gaining popularity in the United States based on widespread success in Latin America and Europe By distributing or cascading splits in two or more field locations, the physical size of products in the field can shrink in size as the ports at each location are shared until the last access point. This is the most fibre-lean network architecture shown

FTTH Deployments Methods

	Full Pre-Connectorised	Pre-Connectorised	Full Splice
			
Speed of Deployment (HP)	Fast	Moderate	Slow
Subscriber Connection Speed	Fast	Fast	Slow
Optimal Method of Build	Aerial, duct	Aerial, duct, direct buried	Aerial, duct, direct buried
Optimal Subscriber Density	Medium to high	Low to high	Low to medium
Design Verification/Planning	High	Moderate	Low
Pre-Connectorised	Yes	Yes	No
Splices in the Field	Low	Moderate	High
Labour Skill Level	Low	Moderate	High
Installation Risk Due to Labour Variability	Low	Moderate	Moderate to high
Scalable for Mass Deployment	Best	Fair	Poor
Deferability	High	Moderate	Low
Architecture	Point-to-point, centralised, distributed	Point-to-point, centralised, distributed	Point-to-point, centralised, distributed
Installation Type	Greenfield/brownfield	Greenfield/brownfield	Greenfield/brownfield
Quick Facts	<ul style="list-style-type: none"> Pre-installed "plug-and-play" network access points mean simplicity, speed, and profitability for you and the fastest turnup for your subscribers Splicing is concentrated at splitter cabinets fibre-rich network architecture 	<ul style="list-style-type: none"> Enables fast installation of subscriber drops by utilising hardened connectors at terminals Splicing extends to distribution access points as well as splitter cabinet 	<ul style="list-style-type: none"> Allows for the least amount of preengineering up front Requires skilled labour splicing at all access points and subscriber premises



Central Office/Headend/PoP

The heart of your network is the central office, headend, or point-of-presence (PoP). It's where reliability is paramount and where you need products that optimise your network's capabilities well into the future.

To simplify the design and deployment of your inside plant, we've developed versatile product families that deliver industry-leading manageable density, enable unparalleled scalability, and provide the lowest total cost of ownership.

Central Office Solutions Overview



	Centrix XL	EDGE™	Unisub HD
Main Attribute	Density	Density	Einfachheit
HD – 3000+ Links (Ports) per Frame	✓	✓	✓
Single-Circuit Management			
Jumper Management in Frame	✓	✓	✓
Left-to-Right Cross-Connect (Central Jumper Management)	✓	✓	✓
Splices Separated From Patches	✓		✓
All-Front Access (Wall/Back-to-Back)	✓		✓
Mounting in 19-in Frame	✓	✓	✓
Stubbed Hardware	✓	✓	✓
Rotating Trays			✓
Port and Jumper Protection Cover	✓	✓	✓
Plug and Play™ Pre-Terminated Option	✓	✓	



Central Office Solutions Overview

	Centrix XL	EDGE 8	Unisub HD
			
LC Connectivity	✓	✓	✓
SC Connectivity	✓		✓
LSH Connectivity	✓		
MTP®/MPO Connectivity	✓	✓	
Scaling Increment (Fibre Ports)	12	8/12	24
Ports in 2,200 mm Frame	4,320 LC	5,760 LC	3,840 LC
Ports per m ²	16,000 LC	11,520 LC	14,222
Optical Device Integration	✓	✓	✓
Zone-4 Rating (Earthquake)	with Special Frame Construction		
GR-449 Footprint	✓		
300 mm Depth	✓	✓ Rear cable entry	✓
Wall-Mountable Option		✓	
Panel Material	Plastic	Plastic	Metal

Centrix® System Overview

The Centrix® system is a high-density fibre-management system for central offices, headends, data centres, and other backbone applications that provide a balance of very high density with innovative jumper routing.

Centrix supports up to 4,320 LC or 2,880 SC connector ports per frame (16,000 LC ports per 1 square meter on a quad configuration) and is offered in a front-access cabinet that allows back-to-back configurations or wall mounting. The cabinet design provides optimised routing paths for jumpers, reducing the risk of pileup or entanglement. When using single-fibre jumper for patching, Corning recommends the use of 4 m long, 1.6 mm patch cords in a single cabinet or for groups of up to four cabinets.

The foundation of Centrix is a cassette that can be tailored to include a variety of optical devices (splitter, WDM, attenuators, etc.) providing flexibility and functionality within a single frame without sacrificing density. Each cassette contains fibre-guiding elements, a splice section, and can hold up to 24 SC or 36 LC connector adapters.

Easy port access is possible due to a sliding cassette with a drop-down handle.

Housings can be ordered empty, pre-stubbed or preloaded with cassettes for on-frame splicing and are available as 1U (holding three cassettes), 2U (six cassettes), and 4U (12 cassettes).

Centrix XL housings and trays allow to apply the well-known benefits of the Centrix system in standard 19 inch cabinets for instance in top of rack (TOR) applications or in meet me rooms of data centre provider.



Centrix Optical Distribution Frame



Centrix Housings with Modules

Centrix® System

Centrix® Cabinets*	
Part Number	Product Description
CTX-CAB-F2209NNRNE	Front-Access Single Cabinet, 2200 × 900 × 300 mm (H × W × D), cable entry on right side, without walls and door, bottom channel, unassembled
CTX-CAB2F2218PGBNB	Front-Access Dual Cabinet, 2200 × 1800 × 300 mm (H × W × D), cable entry on both sides, walls, door with acrylic glass window, bottom channel, unassembled
CTX-CAB4F2218PGBNB	Front-Access Quad Cabinet, 2200 × 1800 × 600 mm (H × W × D), cable entry on both sides, walls, door with acrylic glass window, bottom channel, unassembled

Centrix Cabinet Accessories*	
Part Number	Product Description
CAB-WL2009RN	Rear Wall Kit for 2200 × 900 mm cabinet
CAB-WL2203SN	Side Walls for 2200 mm cabinet
CAB-DR2209SGE	Door Kit (doors with acrylic window, with lock) for 2200 × 900 mm cabinet
CAB-DR2209SMN	Door Kit (doors, full metal, with lock) for 2200 × 900 mm cabinet
CAB-WS	Splice and Work Shelf for the cabinet
CAB-DP-A4	Documentation Pocket A4
CAB-SR-CBL	Strain-Relief Plate
CAB-MTFR	Mounting Kit for fixing cabinet to the floor (screws and mounting kit)
CAB-MTWL	Mounting Kit for fixing cabinet to the wall (screws and mounting kit)
CAB-FC	Mounting Kit for side-by-side and back-to-back cabinet connections
CAB-SR-SPP	Strain-relief bracket for mini ducts
CAB-BKT-MTP48	Cabinet Adapter Bracket 48×MTP®
CTX-SERVICE-BKT	Service bracket for securing the cassette for installation and maintenance work
CAB-TT-050M	Cabinet Transition Tubes 3 mm for up to 36 fibres, 50 m
CAB-TT-TOOL	Zipper tool (cutting of transition tubes and feeding in the fibre)

* Additional configurations including preassembled options available, [please refer to our online catalogue for more details.](#)



Centrix Front Access Cabinet



[Learn more](#)
about Centrix



Centrix® Housings and Cassettes

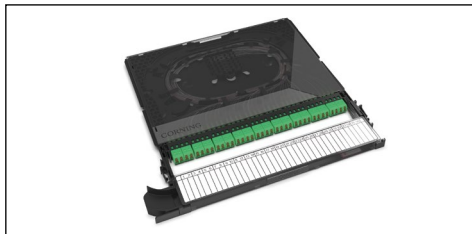
Centrix® Housings*	
Part Number	Product Description
CTX-SIU	Centrix 1U Housing, 3 Cassette Positions, for up to 3 cassettes
CTX-S2U	Centrix 2U Housing, 6 Cassette Positions, for up to 6 cassettes
CTX-S4U	Centrix 4U Housing, 12 Cassette Positions, for up to 12 cassettes

Centrix Cassettes*	
Part Number	Product Description
Splice Cassettes	
CTXCPP36-B3-2RH000	36 LC APC adapters and single-mode pigtails, MIC™ 900 µm
CTXCPP24-6C-2RH000	24 SC APC adapters and single-mode pigtails, MIC 900 µm
Patch Panel Cassettes	
CTXCA24-B3L	24 LC APC, left, front access
CTXCA12-6CL	12 SC APC, left, front access
Splitter Cassette	
CTXCMA00-B3-SP1116	1:16 Splitter, LC APC connectors
CTXCMA00-B3-SP1132	1:32 Splitter, LC APC connectors
CTXCMA00-6C-SP1116	1:16 Splitter, SC APC connectors
MTP Cassette	
CXO136B389KSMILOO	36 LC APC – 3 MTP (pinned,12F), Left

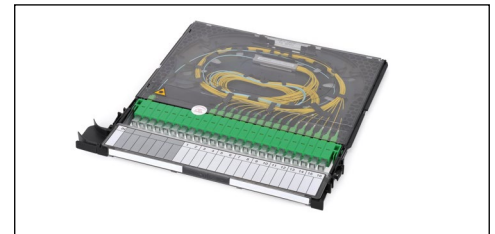
* Additional configurations available, [please refer to our online catalogue for more details.](#)



Centrix 1U Housing



Centrix Splice Cassette



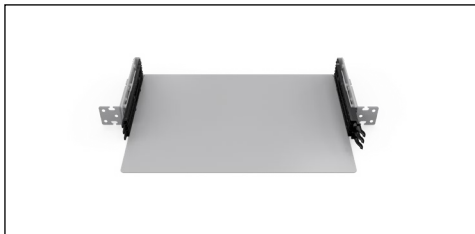
Centrix Splitter Cassette

Centrix® XL Housing and Cassettes

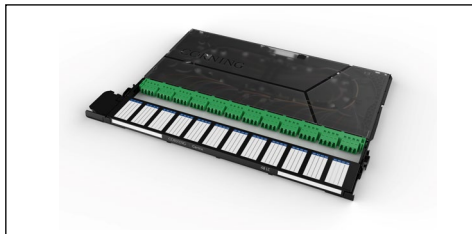
Centrix® XL Empty Housing	
Part Number	Product Description
CXL-S1U	1U Housing
CXL-S2U	2U Housing
CXL-S4U	4U Housing

Centrix XL Cassettes*	
Part Number	Product Description
Splice Cassettes, Telcordia	
CXL CPP48-B3-2RHT30	48 LC APC adapters and single-mode pigtails, MIC™ 900 µm, Pack of 3
CXL CPP36-6C-2RHT30	36 SC APC adapters and single-mode pigtails, MIC 900 µm, Pack of 3
Patch Panel Cassettes	
CXL CMA00-B3-SPG102	16 × 1:2 Splitter, LC APC connectors
CXL CMA00-6C-SPC102	12 × 1:2 Splitter, SC APC connectors

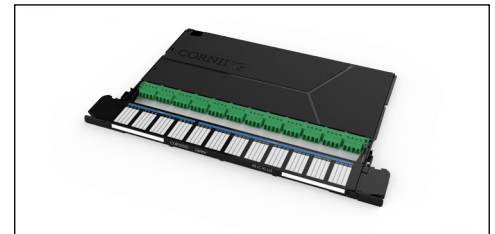
* Additional configurations available, [please refer to our online catalogue for more details](#)



Centrix XL 1U Housing



Centrix XL splice cassette, 48 fibre LC APC



Centrix XL Splitter Cassette

Centrix® Cable Assemblies

Single-Fibre Patch Cords (1.6 mm Diameter), 1F, tight-buffered cable, LSZH™, 1.6 mm legs, Corning® SMF-28® Ultra fibre*			
Part Number */**	Connectors	Product Description	Length
F22220IGIZ16004M	LC APC-LC APC	LC APC to LC APC Patch Cord	4 m
F02220IGIZ16004M	LC APC-LC UPC	LC APC to LC UPC Patch Cord	4 m
F22440IGIZ16004M	LC APC-SC APC	LC APC to SC APC Patch Cord	4 m
F22580IGIZ16004M	LC APC-SC UPC	LC APC to SC UPC Patch Cord	4 m
F02020IGIZ16004M	LC UPC-LC UPC	LC UPC to LC UPC Patch Cord	4 m
F02440IGIZ16004M	LC UPC-SC APC	LC UPC to SC APC Patch Cord	4 m
F02580IGIZ16004M	LC UPC-SC UPC	LC UPC to SC UPC Patch Cord	4 m
F44440IGIZ16004M	SC APC-SC APC	SC APC to SC APC Patch Cord	4 m
F44580IGIZ16004M	SC APC-SC UPC	SC APC to SC UPC Patch Cord	4 m
F58580IGIZ16004M	SC UPC-SC UPC	SC UPC to SC UPC Patch Cord	4 m

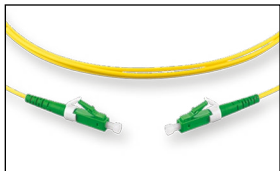
* Additional lengths available, part numbers can be created by modifying last four digits, e.g., 010M for 10 m patch cord.

** 1.2 and 2.0 mm diameter available, part numbers can be created by modifying G1Z16 to G1Z12 (1.2 mm) or G1Z20 (2.0 mm).

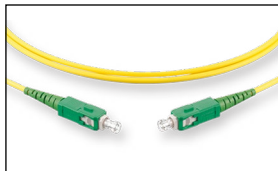
Multifibre Assemblies (900 µm Diameter fan out) loose tube LSZH™ cable, Corning® SMF-28® Ultra fibre, 100 m*			
Part Number */**	Connectors	Product Description	Length
C2222AKGLZBCXCXP100M	LC APC-LC APC	LC APC to LC APC multifibre assembly, 432F, 900 µm legs with 36 fibre Centrix stagger	100 m
C0022AKGLZBCXCXP100M	LC APC Pigtail	Pigtail LC APC multifibre assembly, 432F, 900 µm legs with 36 fibre Centrix stagger one side (inside drum)	100 m
C4444U8GLZBCTCTPI00M	SC APC-SC APC	SC APC to SC APC multifibre assembly, 288F, 900 µm legs with 24 fibre Centrix stagger	100 m
C0044U8GLZBCTCTPI00M	SC APC Pigtail	Pigtail SC APC multifibre assembly, 288F, 900 µm legs with 24 fibre Centrix stagger one side (inside drum)	100 m

* Additional Fibre types and lengths available, part numbers can be created by modifying last four digits, e.g., 200M for 200 m assembly.

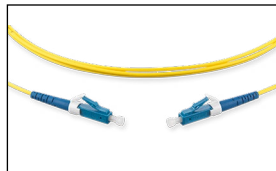
** Position 2&3 is connector code on the outside of the drum, Position 4&5 is the connector code on the inside of the drum. Please amend as needed.



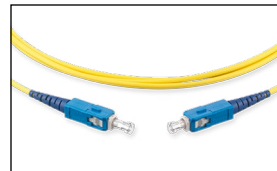
LC APC-LC APC Patch Cord



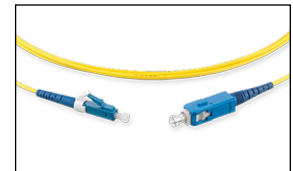
SC APC-SC APC Patch Cord



LC UPC-LC UPC Patch Cord



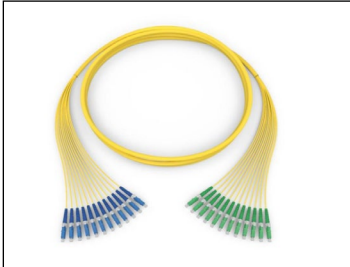
SC UPC-SC UPC Patch Cord



LC UPC-SC UPC Patch Cord

Cable Assemblies

12-Fibre Tight-Buffered Cable Assemblies (Terminated on Both Ends) Corning® SMF-28® Ultra fibre, LSZH*				
Part Number */**	Connectors	Product Description	Length	Legs OD
C222212G6ZDLALAP015M	LC APC-LC APC	LC APC to LC APC	15 m	2.0 mm
C022212G6ZDLALAP015M	LC APC-LC UPC	LC APC to LC UPC	15 m	2.0 mm
C224412G6ZDLALAP015M	LC APC-SC APC	LC APC to SC APC	15 m	2.0 mm
C225812G6ZDLALAP015M	LC APC-SC UPC	LC APC to SC UPC	15 m	2.0 mm
C020212G6ZDLALAP015M	LC UPC-LC UPC	LC UPC to LC UPC	15 m	2.0 mm
C024412G6ZDLALAP015M	LC UPC-SC APC	LC UPC to SC APC	15 m	2.0 mm
C025812G6ZDLALAP015M	LC UPC-SC UPC	LC UPC to SC UPC	15 m	2.0 mm
C444412G6ZDLALAP015M	SC APC-SC APC	SC APC to SC APC	15 m	2.0 mm
C445812G6ZDLALAP015M	SC APC-SC UPC	SC APC to SC UPC	15 m	2.0 mm
C585812G6ZDLALAP015M	SC UPC-SC UPC	SC UPC to SC UPC	15 m	2.0 mm



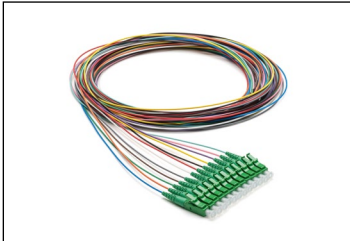
Tight-buffered cable assembly terminated on both ends

12-Fibre Tight-Buffered Cable Assemblies (Terminated on One End), Pigtail, Corning SMF-28 Ultra fibre, LSZH*				
Part Number */**	Connectors	Product Description	Length	Legs OD
C002212G6ZDLALAP015M	LC APC	LC APC	15 m	2.0 mm
C000212G6ZDLALAP015M	LC UPC	LC UPC	15 m	2.0 mm
C004412G6ZDLALAP015M	SC APC	SC APC	15 m	2.0 mm
C005812G6ZDLALAP015M	SC UPC	SC UPC	15 m	2.0 mm



Tight-buffered cable assembly terminated on one end

Pigtail Packs (Terminated on One End) 900 µm LSZH tight-buffered, SMF-28 Ultra fibre*			
Part Number */**	Connectors	Product Description	Length
FK12-00220IGIZ09AA002M	LC APC	Pigtail Kit with 12 LC APC pigtails	2 m
FK12-00440IGIZ09AA002M	SC APC	Pigtail Kit with 12 SC APC pigtails	2 m
FK12-00020IGIZ09AA002M	LC UPC	Pigtail Kit with 12 LC UPC pigtails	2 m
FK12-00580IGIZ09AA002M	SC UPC	Pigtail Kit with 12 SC UPC pigtails	2 m



Pigtail Kit with 12 LC APC pigtails

* Additional fibre types and lengths available, part numbers can be created by modifying last four digits, e.g., 020M for 20 m multifibre patch cord.
 ** Position 2&3 is connector code on the outside of the drum, Position 4&5 is the connector code on the inside of the drum. Please amend as needed.

[Find out more](#) about Cable Assembly Portfolio



EDGE™ Data Center Solutions: One Platform. Infinite Possibilities.

Understanding EDGE and EDGE8®



Most granular migration path from 10G to 800G and 1.6T for 2F, 4F, 8F and 16F

Proven Base-12 Solutions



Award-winning platform delivering sustainable preterminated HD solutions, saving labor costs and integrating very small form factor (VSFF) duplex connectivity to maximize data center rack space.

Commitment

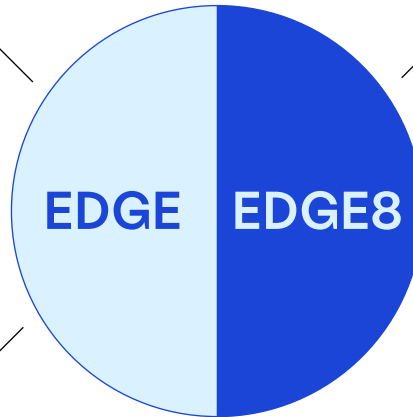


Over 50 million EDGE fiber terminations successfully deployed since 2009! We're continuously evolving the platform to ensure reliability and access to future technologies.

Service



Fast access to experts in design and field support, tools and resources you need for a future-ready, secure, and cost-effective data center network.



Future-Ready Base-8 Solutions



Connectivity providing the most granular migration path from 10G to 800G and 1.6T on 2, 4, 8 and 16 fibers, fully backward compatible to EDGE solutions with 100% fiber utilization.

Modularity & Scale



CleanAdvantage™ and MTP® PRO combined with ultra-low-loss preterminated components as a standard for speedy deployments, faster MACs and optimized port mapping.

Interoperability



EDGE and EDGE8 can be installed in the same data center, in the same rack and same housing, so your network can grow over time, and you can secure your infrastructure investment for the future.



Learn more about our Core Data Centre Solutions, please visit our website: corning.com/emea/en/edge



Learn more about our Core Data Centre Solutions, please visit our website: corning.com/emea/en/edge8



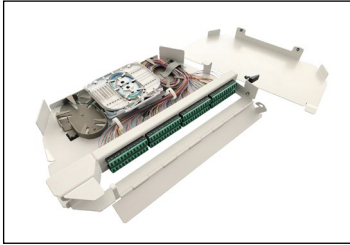
Unisub HD Solution

Unisub HD housing 1U Left, Grade B Telcordia	
Part Number	Product Description
UHD-1L-486C-PGGB	48 Ports, SC APC
UHD-1L-7222-PGGB	72 Ports, LC APC
UHD-1L-726C-PGGB	72 Ports, SC APC
UHD-1L-96B3-PGGB	96 Ports, LC APC

Unisub HD 2U Left, Grade B Telcordia	
Part Number	Product Description
UHD-2L-486C-PGGB	96 Ports, SC APC
UHD-2L-7222-PGGB	144 Ports, LC APC
UHD-2L-726C-PGGB	144 Ports, SC APC
UHD-2L-96B3-PGGB	192 Ports, LC APC

Unisub HD 3U Left, Grade B Telcordia	
Part Number	Product Description
UHD-3L-486C-PGGB	144 Ports, SC APC
UHD-3L-486C-PGGB	216 Ports, LC APC
UHD-3L-726C-PGGB	216 Ports, SC APC
UHD-3L-96B3-PGGB	288 Ports, LC APC

Unisub HD 4U Left, Grade B Telcordia	
Part Number	Product Description
UHD-4L-486C-PGGB	192 Ports, SC APC
UHD-4L-7222-PGGB	288 Ports, LC APC
UHD-4L-726C-PGGB	288 Ports, SC APC
UHD-4L-96B3-PGGB	384 Ports, LC APC



Unisub HD



Outside Plant Network

Corning's invention of the first low-loss optical fibre, over 50 years ago, ignited the critical spark that began a communications revolution and forever changed the world.

Today, there are more than five billion kilometres of fibre installed around the globe, and Corning continues to lead the industry in product quality and innovation.

Colour Codings According to BT or Telcordia Standards

In fibre optic cable management, a standardized set of 12 colours is utilized for fibre identification. Historically, there are customer-specific and country-specific differences in the order of the colours used. In the UK, the colour codings according to Telcordia or British Telecom (BT) system are most common.

When the fibre count within a tube exceeds 12, a colour-coded binder thread is employed to delineate each group of 12 fibres, with the colour sequence repeating accordingly.

For tubes or bundles containing a substantial number of fibres, additional black ring markings are incorporated to ensure clarity and prevent misidentification.

Colour Coding			
Color coding following BT standard	Fibres Count	Telcordia colour coding*	
blue	1	blue	
orange	2	orange	
green	3	green	
red	4	brown	
slate (grey)	5	slate (grey)	
yellow	6	white	
brown	7	red	
violet	8	black	
black	9	yellow	
white	10	violet	
pink	11	pink	
aqua	12	aqua	
blue	13	blue	black ring
orange	14	orange	black ring
green	15	green	black ring
brown	16	brown	black ring
slate (grey)	17	slate (grey)	black ring
white	18	white	black ring
red	19	red	black ring
black	20	nature	black ring
yellow	21	yellow	black ring
violet	22	violet	black ring
pink	23	pink	black ring
aqua	24	aqua	black ring

Corning® SMF-28® Ultra Optical Fibre

Corning® SMF-28° Ultra single-mode optical fibres combine industry-leading attenuation, macrobend performance that exceeds Recommendation ITU-T G.657.A1, and standard 9.2 µm mode field diameter. These full-spectrum fibres are designed for carrier and data centre applications and are fully backward compatible with the installed base of legacy single-mode fibres. SMF-28 Ultra fibre is available in a traditional 242 µm diameter as well as a 200 µm diameter option with reduced coating for smaller, lighter, high-fibre-count cables.



SMF-28 Ultra-fibre reel

Maximum Attenuation	
Wavelength (nm)	Maximum Value* (dB/km)
1310	≤ 0.32
1383**	≤ 0.32
1490	≤ 0.21
1550	≤ 0.18
1625	≤ 0.20

* Alternate attenuation offerings available upon request.

** Attenuation values at this wavelength represent post-hydrogen aging performance.

Macrobend Loss			
Mandrel Radius (mm)	Number of Turns	Wavelength (nm)	Induced Attenuation*** (dB)
10	1	1550	≤ 0.50
10	1	1625	≤ 1.5
15	10	1550	≤ 0.05
15	10	1625	≤ 0.30
25	100	1310, 1550, 1625	≤ 0.01

*** The induced attenuation due to fibre wrapped around a mandrel of a specified radius.

Mode Field Diameter (MFD)	
Wavelength (nm)	MFD (µm)
1310	9,2 ± 0,4
1550	10,4 ± 0,5

Polarisation Mode Dispersion (PMD)	
	Value (ps/√km)
PMD Link Design Value	≤ 0.04****
Maximum Individual Fibre PMD	≤ 0.1

**** Complies with IEC 60794-3:2001, Section 5.5, Method 1, (m = 20, Q = 0.01 %), September 2001. Cabled values might differ, depending on cable design, please refer to cable datasheets for details.

The Value of the Corning Evolv® Solutions for Access Networks

Corning Evolv Solutions for Access Networks combines reliability, speed, and flexibility in customer connections while reducing the required fieldwork.

Evolv® Terminals with Pushlok® technology offers the smaller terminals for FTTH networks than ever before. The Pushlok connector is half the size of industry leading hardened connectors and enables terminal sizes up to one quarter of the size of traditional terminals. Designed for use in nearly every access network environment, the terminal is small enough to be placed in existing handholes or pedestals where space is paramount, on building facades, or in aerial networks (pole- or strand-mount). Discrete aesthetics improve end user adoption for facade applications.

The newest component in Corning's hardened connector portfolio offers robustness and reliability in a very small package. Designed for use in FTTH access networks where space and speed of installation translate into savings, the single and multifibre Pushlok connectors enable faster connections with audible and tactile feedback upon insertion. Rugged, yet small, the connector platform and associated terminals meet the same performance attributes of Corning's existing hardened connector portfolio. The Pushlok connector can also be used with an adapter to plug into former solution of hardened terminals - such as OptiTap Terminals.



Evolv® Terminal with Pushlok® Technology



Pushlok connector

Evolv[®] Stubbed Terminals with Pushlok[®] Technology

Terminal with stubbed SST cable and Multifibre Pushlok [®] Connector	
Part Number	Product Description
DMA4FIFDDITI050MOP	4-Port Terminal, 50 m
DMA8FIFDDITI050MOP	8-Port Terminal, 50 m
DMATFIFDDITI050MOP	12-Port Terminal, 2 rows of 6 ports, 50 m

Terminal with stubbed SST cable pigtail	
Part Number	Product Description
DMA4FIFDDINCO50MOP	4-Port Terminal, 50 m
DMA8FIFDDINCO50MOP	8-Port Terminal, 50 m
DMB6FIFDDINCO50MOP	12-Port Terminal, 2 rows of 6 ports, 50 m
DMB8FIFDDINCO50MOP	16-Port Terminal, 2 rows of 8 ports, 50 m

Terminal with stubbed MiniXtend cable pigtail	
Part Number	Product Description
DMA4FIMLDINCO50MOP	4-Port Terminal, 50 m
DMA8FIMLDINCO50MOP	8-Port Terminal, 50 m
DMB6FIMLDINCO50MOP	12-Port Terminal, 2 rows of 6 ports with 4 ports blocked, 50 m

* Additional length and configurations available



Evolv Terminal with Pushlok Technology with stubbed SST cable and Multifibre Pushlok Connector



Evolv Terminals with Pushlok Technology with open ended stubbed cable pigtail



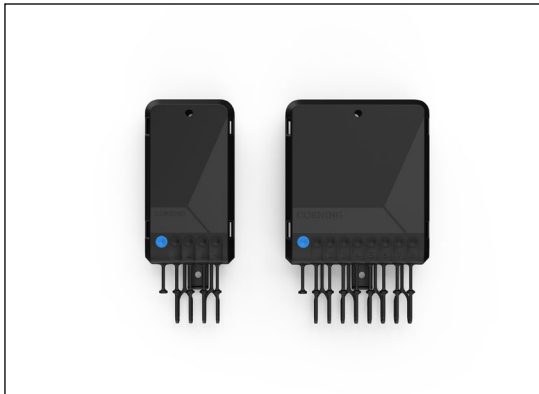
[Visit our Website](#)
to learn more about Evolv
Terminals with Pushlok
Technology



Evolv[®] Terminals with Pushlok[®] Technology

Evolv [®] Splitter Terminals with Pushlok [®] Technology	
Part Number	Product Description
DSA2FI00DINC000SOP	Terminal, 1 × 2 splitter, 2 ports
DSA4FI00DINC000SOP	Terminal, 1 × 4 splitter, 4 ports
DSA8FI00DINC000SOP	Terminal, 1 × 8 splitter, 8 ports
DSB6FI00DINC000SOP	Terminal, 1 × 16 splitter (2 rows per 8 ports)

Evolv Optical Tap Terminals with Pushlok Technology	
Part Number	Product Description
DTA4X21500NC000SOP	Optical Tap Evolv Terminal, 90/10 power distribution, 2 port, stubless
DTA8X41700NC000SOP	Optical Tap Evolv Terminal, 90/10 power distribution, 4 port, stubless
DTB4X82000NC000SOP	Optical Tap Evolv Terminal, 90/10 power distribution, 8 port, stubless



Evolv Splitter Terminals with Pushlok Technology



Evolv Optical Tap Terminals with Pushlok Technology

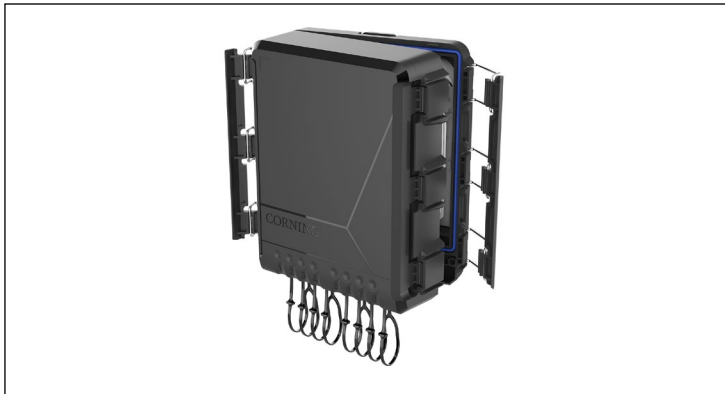


[Lern more](#)
about Evolv Terminals with
Pushlok Technology

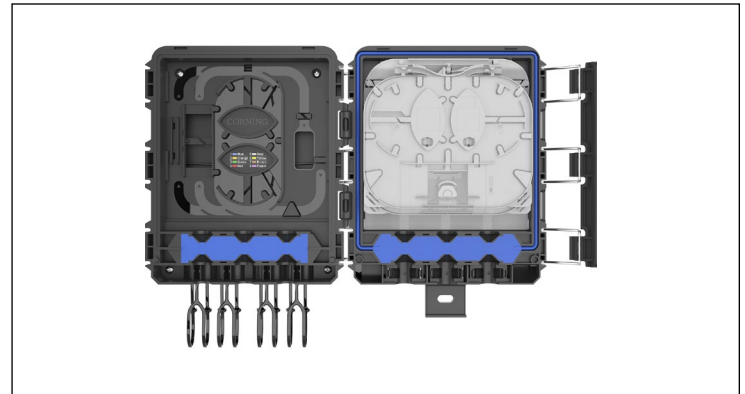
Evolv[®] Openable Terminal (EOT)

Evolv [®] Openable Terminal (EOT) with Pushlok [®] Technology *	
Part Number	Product Description
EOT-A8-F8-000S24CS-WW	EOT, equipped with: 8 single fibre connectors, no splitter, 2 splice trays for each 12 heat-shrink splices and with cable attachment working for CSM (central strength members) cables
EOT-A8-F8-S08S24CS-WW	EOT, equipped with: 8 single fibre connectors, 1:8 splitter, 2 splice trays for each 12 heat-shrink splices and with cable attachment working for CSM (central strength members) cables
EOT-A8-M6-000S24CS-WW	EOT, equipped with: 6 × 4 fibre connectors, no splitter, 2 splice trays for each 12 heat-shrink splices and with cable attachment working for CSM (central strength members) cables
EOT-A8-T4-000S48CS-WW	EOT, equipped with: 4 × 12 fibre connectors, no splitter, 2 splice trays for each 12 heat-shrink splices and with cable attachment working for CSM (central strength members) cables

*additional configurations available



Evolv Openable Terminal (EOT) with Pushlok Technology



Evolv Openable Terminal (EOT) with Pushlok Technology, the inside view

Evolv® BPEO Closures with Pushlok® Technology

Evolv® BPEO Closure with Pushlok® Technology*	
Part Number	Product Description
BO-04P-D00-02A-PG04	4 Ports, Size 0 with 2 splice trays, 4 SC APC Adapter
BO-08P-D00-02A-PG08	8 Ports, Size 0 with 2 splice trays, 8 SC APC Adapter
BI-08P-D00-02A-PG08	8 Ports, Size 1 with 2 splice trays, 8 SC APC Adapter
BH-12P-D00-03A-PG12	12 Ports, Size 1.5 with 3 splice trays, 8 SC APC Adapter

* additional configurations possible, please contact your sales representative

Accessory	
Part Number	Product Description
KT-PL-ECAM-CONV	Evolv ECAM Converter for Pushlok Connector on ROC™ drop cable



Evolv BPEO Closure Size 1.5 with Pushlok Technology



Evolv ECAM Converter for Pushlok Connector on ROC™ drop cable



[Scan QR code](#)
to watch Evolv ECAM
Adapter in action

Evolv® Drop cable assembly with Pushlok® Technology

1 Fibre Evolv® ROC™ Drop – with Pushlok® Technology, Dielectric	
Part Number	Product Description
OODIO1JB49R100M-P	Pigtail Pushlok, 100 m
DIDIO1JB49R100M-P	Patch Cord, Pushlok to Pushlok, 100 m
DI4401JB4R3100M-P	Patch Cord, Pushlok to SC APC , 100 m

1 Fibre Evolv DualDrop™ Cable Assembly with Pushlok Technology	
Part Number	Product Description
OODIO1JFDT3050M-P	Pigtail Pushlok, DualDrop round drop, 50 m
OODIO1JFDT3100M-P	Pigtail Pushlok, DualDrop round drop, 100 m

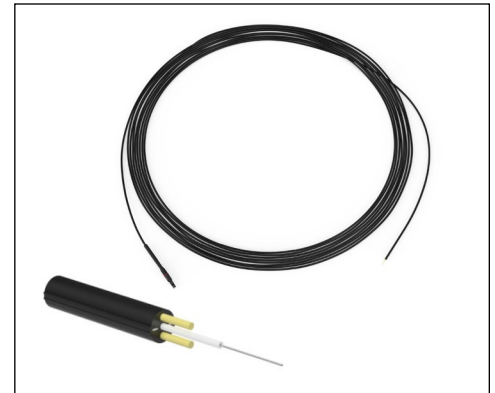
1 Fibre Evolv Aerial Breakable Round Cable Assembly with Pushlok Technology	
Part Number	Product Description
OODIO1JBRAB050M-P	Pigtail Pushlok, 50 m, aerial breakable round drop cable
OODIO1JBRAB100M-P	Pigtail Pushlok, 100 m, aerial breakable round drop cable



Evolv ROC Drop Cable Assembly, SC APC to Pushlok



Evolv DualDrop Cable Assembly, Pushlok Pigtail



Evolv Aerial Breakable Round Cable Assembly Pushlok Pigtail

Evolv Drop cable assembly with Pushlok® Technology

Evolv® Evolv Drop cable with Pushlok® Technology, Dielectric	
Part Number	Product Description
00T204ZB4D3E0I0M-P	4 fibres pigtail, Round Drop 4.6 mm with male Multifibre Pushlok connector, 10 m
T2T204ZB4D3E0I0M-P	4 fibres, Round Drop 4.6 mm with male Multifibre Pushlok connectors on both ends , 10 m
00T204ZB4DIE0I0M-P	4 fibres pigtail, SST cable with male Multifibre Pushlok connector, 10 m
T2T204ZB4DIE0I0M-P	4 fibres, SST cable with male Multifibre Pushlok connectors on both ends, 10 m
00T104ZB4DIE0I0M-P	4 fibres pigtail, SST cable with female Multifibre Pushlok connector, 10 m
00T212ZB4DIE0I0M-P	12 fibres pigtail, SST cable with male Multifibre Pushlok connector, 10 m
T2T212ZB4DIE0I0M-P	12 fibres, SST cable with male Multifibre Pushlok connectors on both ends, 10 m
00T112ZB4DIE0I0M-P	12 fibres pigtail, SST cable with female Multifibre Pushlok connector, 10 m
T1T204ZB4DIE0I0M-P	Pushlok Multifibre Extender, female to male, 4 fibres, SST cable, 10 m
T1T212ZB4DIE0I0M-P	Pushlok Multifibre Extender, female to male, 12 fibres, SST cable, 10 m



Male Multifibre Pushlok Connector



Female Multifibre Pushlok Connector



Pushlok Multifibre Extender, female to male Pushlok Connector

Evolv® Accessories with Pushlok® Technology

Accessories	
Part Number	Product Description
CLEANER-PUSHLOK-MF	Evolv® Multifibre Port Cleaner with Pushlok® Technology
EHC-CVR-A4-GRAY	Evolv 2- and 4-Port Terminal Cover
EHC-CVR-A8-GRAY	Evolv 6- and 8-Port Terminal Cover
EHC-CVR-B8-GRAY	Evolv 12- and 16-Port Terminal Cover, 2 rows with 8 Ports
EHC-CVR-AT-GRAY	Evolv 12-Port Terminal Cover, 1 row with 12 Ports
EHC-BKT-HH	Terminal Wall-/Pole- mount for Evolv-Terminals (2, 4, 6, 8, 12 and 16 Ports)
EHC-BKT-MOBSP	Evolv Terminal Mounting Bracket

Evolv® Converters	
Part Number	Product Description
KT-PL-ECAM-CONV	Evolv ECAM Converter for Pushlok Connector on ROC™ drop cable
ADAPTER-PUSHLOK-SF	Evolv Pushlok Single Fibre Adapter



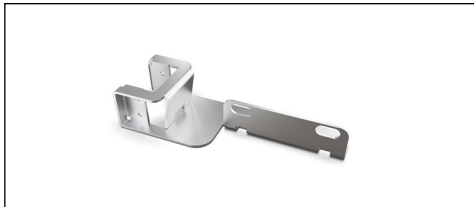
Evolv Port Cleaner with Pushlok Technology



Terminal Covers



Evolv ECAM Converter for Pushlok Connector on ROC drop cable



Evolv Terminal Mounting Bracket



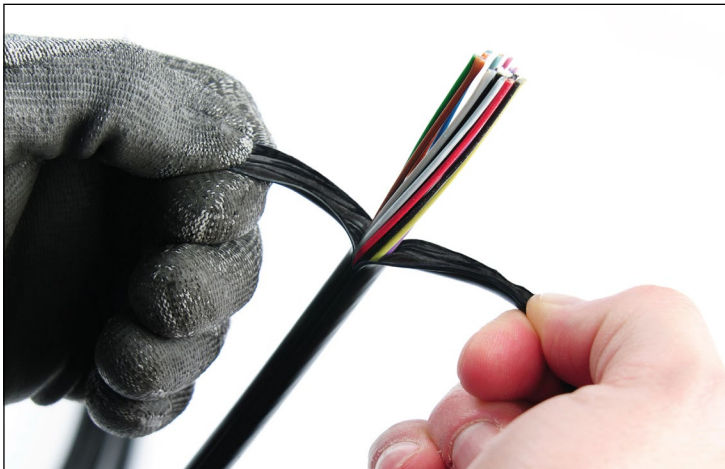
Evolv Pushlok Single Fibre Adapter

Micro Cables Solution

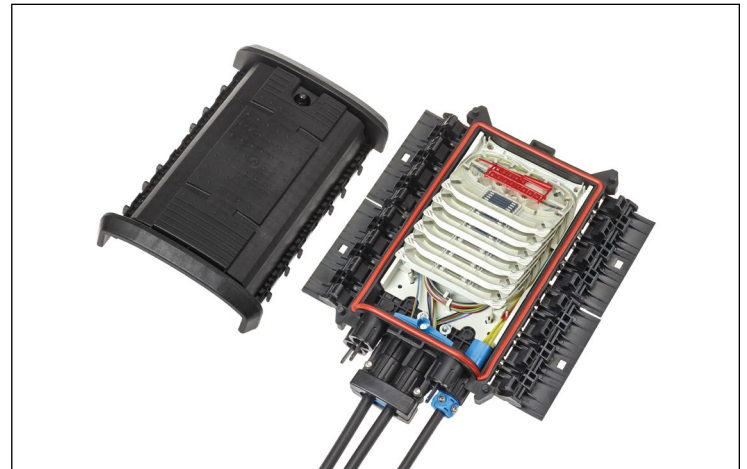
Corning's micro cabling solution solves the demand for today's unlimited bandwidth capacity and addresses escalating network duct congestion. Designed for installation in microcable systems using air-assisted installation methods, Corning's MiniXtend® cables are up to 50% smaller than standard loose tube cables and offer high-fibre-counts in a small cable diameter footprint. Corning's innovative optical micro cabling solutions include MiniXtend Cable binderless FastAccess™ technology, which has the same dimensions and fibre counts (12–144 fibres) as the original MiniXtend cable, but also features our time-saving binderless FastAccess technology.

This groundbreaking innovation in cable design eliminates the use of binder and waterblocking yarns and waterblocking tapes and enables up to 70% faster cable access and reduced risk of buffer tube damage. MiniXtend HD Cable with binderless FastAccess technology is our highest-density micro cable featuring Corning® SMF-28® Ultra 200 fibre and delivering fibre counts up to 288 fibres.

Our MiniXtend HD cable is up to 20% smaller than standard micro cables.



Cable with FastAccess Technology



BPEO Closure Size 1

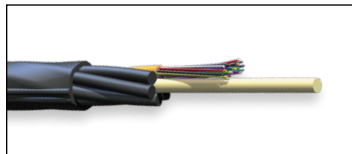
Micro cables

MiniXtend® Central Tube (CT) Cable Telcordia*					
Part Number	Fibres	Product Description	Outer Cable Diameter	Inner Duct Diameter	BPEO Closure Type
004ZK4-13122A20	4	4F E9 ITU G652.D ITU G657.A1 CT 1.7	2.5 mm	4 mm	Size 0
006ZK4-13122A20	6	6F E9 ITU G652.D ITU G657.A1 CT 1.7	2.5 mm	4 mm	Size 0
008ZK4-13122A20	8	8F E9 ITU G652.D ITU G657.A1 CT 1.7	2.5 mm	4 mm	Size 0
012ZK4-13122A20	12	12F E9 ITU G652.D ITU G657.A1 CT 1.7	2.5 mm	4 mm	Size 0
024ZK4-13142A20	24	24 F, E9, SMF-28 Ultra, 200 ITU-T G652.D ITU-T G657.A1 CT 1.7	2.5 mm	4 mm	Size 0
036ZK4-13142A20	36	36 F, E9, SMF-28 Ultra, 200 ITU-T G652.D ITU-T G657.A1 CT 2.0	2.9 mm	4 mm	Size 0

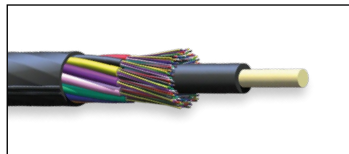
MiniXtend Cable with Binderless FastAccess™ Technology ITU G652.D ITU G657.A1 LT 1.4 Telcordia					
Part Number	Fibres	Product Description	Outer Cable Diameter	Inner Duct Diameter	BPEO Closure Type
024ZM4-T3F22A20	24	2 × 12 E9 ITU G652.D ITU G657.A1 LT 1.4	5.4 mm	8 mm	Size 0
048ZM4-T3F22A20	48	4 × 12 E9 ITU G652.D ITU G657.A1 LT 1.4	5.4 mm	8 mm	Size 0
096ZM4-T3F22A20	96	8 × 12 E9 ITU G652.D ITU G657.A1 LT 1.4	6.3 mm	8 mm	Size 1
144ZM4-T3F22A20	144	12 × 12 E9 ITU G652.D ITU G657.A1 LT 1.4	8.1 mm	10 mm	Size 1,5

MiniXtend HD Cable With Binderless FastAccess Technology SMF-28 Ultra 200 ITU G652.D ITU G657.A1 Telcordia*					
Part Number	Fibres	Product Description	Outer Cable Diameter	Inner Duct Diameter	BPEO Closure Type
144ZH4-Y3F40A20	144	6 × 24 E9 SMF-28 Ultra 200 ITU G652.D ITU G657.A1 LT 1.7	6.3 mm	8 mm	Size 1,5
192ZH4-Y3F40A20	192	8 × 24 E9 SMF-28 Ultra 200 ITU G652.D ITU G657.A1 LT 1.7	7.5 mm	10 mm	Size 1,5
216ZH4-Y3F40A20	216	9 × 24 E9 SMF-28 Ultra 200 ITU G652.D ITU G657.A1 LT 1.7	8.1 mm	10 mm	Size 1,5
288ZH4-Y3F40A20	288	12 × 24 E9 SMF-28 Ultra 200 ITU G652.D ITU G657.A1 LT 1.7	9.7 mm	12 mm	Size 1,5
288ZH4-S3F40A20	288	8 × 36 E9 SMF-28 Ultra 200 ITU G652.D ITU G657.A1 LT 2.0	8.1 mm	10 mm	Size 1
432ZH4-S3F40A20	432	12 × 36 E9 SMF-28 Ultra 200 ITU G652.D ITU G657.A1 LT 2.0	10.8 mm	14 mm	Size 2

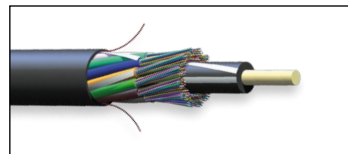
* Additional fibre counts, colour coding and jacketing options available, [please refer to our online catalogue for more details.](#)



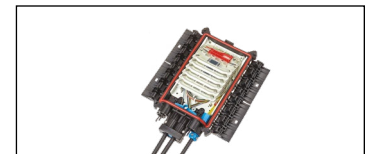
24-Fibre MiniXtend Cable with Binderless FastAccess Technology



144-Fibre MiniXtend Cable with Binderless FastAccess Technology



288-Fibre MiniXtend HD with Binderless FastAccess™ Technology



BPEO Size 1

Outside Plant Network – Micro cable Solution

BPEO Fibre Closures

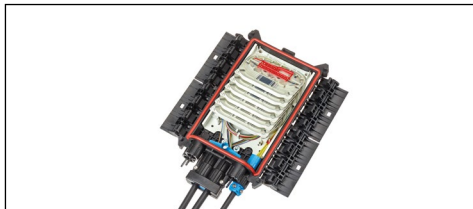
BPEO S0 – Size 0	
Part Number	Product Description
FQ100082228	BPEO-S0-FDP-DROP Fibre Distribution Point for up to 12 drop cables and two branch cables, IP68. Black. Holds up to four splice trays
UU009372267	BPEO-S0-FDP-BRANCH BPEO S0 FDP Branch, IP 68, black, Fibre Distribution Point holds up to 6 splice trays

BPEO S1 – Size 1	
Part Number	Product Description
FQ100080834	BPEO-S1-FDP-DROP Fibre Distribution Point for up to 16 drop cables and one express cable; IP68. Organiser holds up to 12 splice trays
UU001507605	BPEO-S1-FDP-BRANCH S Fibre Distribution Point for up to 10 drop cables and one express cable; IP68. Organiser holds up to 12 splice trays
N502030A	BPEO-S1-FDP-BRANCH-7PAS Fibre Distribution Point for up to 10 drop cables and one express cable; IP68. Organiser holds up to 7 splice trays
FQ100068185	BPEO-S1-EOC End Of Cable for up to 4 single cable entries. Organiser holds up to 12 splice trays
N502032A	BPEO-S1-CDP-7PAS Cable Distribution Point with one express cable and 2 branch cables. This closure is equipped with a 7 slots ramp organizer
N502031A	BPEO-S1-EDP-7PAS End Distribution Point with one express cable and 4 branch cables. Equipped with a 7 slots ramp organizer
N502061A	BPEO-S1-EDP-DROP 7 pas (1xD18) End Distribution Point with one express cable and 4 branch cables. Equipped with a 7 slots ramp organizer

BPEO S1.5 – Size 1.5	
Part Number	Product Description
UU004973481	BPEO-S1.5-FDP-BRANCH.Local Convergence Point for up to 13 drop cables and two branch cables; IP68. Organiser holds up to 12 splice trays
UU007740473	BPEO-S1.5-FDP-DROP Local Convergence Point for up to 25 drop cables and two branch cables; IP68. Organiser holds up to 12 splice trays



BPEO Fibre Optic Closure Size 0



BPEO Fibre Optic Closure Size 1



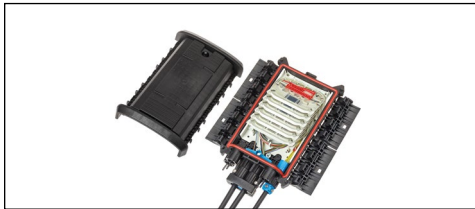
BPEO Fibre Optic Closure Size 1.5

BPEO Fibre Closures and OSC Fibre Drop Repair Closure

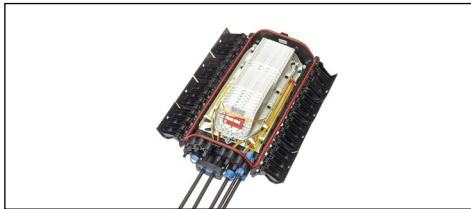
BPEO Size 2	
Part Number	Product Description
B2-CDP-0000-000-000-0000	Cable Distribution Point for one express cable and up to 6 branch cables. Organiser holds up to 30 splice trays
B2-EDP-0000-000000-0000	End Distribution Point for up to one express cable and up to 12 branch cables. Organiser holds up to 30 splice trays
B2-BDP-0000-000-000-0000	Branch Distribution Point for up to one express cable and 16 branch cables. Organiser holds up to 30 splice trays

BPEO Size 3	
Part Number	Product Description
FQ100068250	Cable Distribution Point for one express cable and up to six branch cables. Organiser holds up to 48 splice trays
FQ100068268	End Distribution Point with one express cable and for up to 12 branch cables. Organiser holds up to 48 splice trays
N501998A	Branch Distribution Point with one express cable and for up to 16 branch cables. Organiser holds up to 48 splice trays

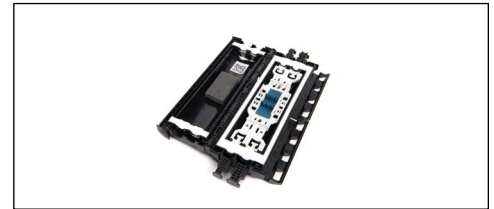
Fibre Drop Repair Closure OSC	
Part Number	Product Description
OSC-1-50-00-411	Closure OSC, 4 central strength member (CSM) strain relief device, 1x splice holder for 12 heat shrink splice protectors with 2.4mm sleeves and 1 x splice holder for 12 crimp splice protectors (splice protectors not included), Strand/Pole/wall mount
OSC-1-00-00-421	OSC Drop Repair Kit with 4 cable central strength member (CSM) strain reliefs, empty of holder, 1 bracket (wall and strand-mount), black
OSC-1-50-00-41	OSC Fibre Drop Repair Kit with 4 cable central strength member (CSM) strain reliefs, 1 holder for 12 fusion splices with 2.4 mm outside diameter fusion sleeves and 1 holder for 12 Crimp splices (splice protectors not included)



BPEO Fibre Closure Size 2



BPEO Fibre Closure Size 3



Fibre Drop Repair Closure OSC

ECAM External Cable Assembly Modules for BPEO Closures

External Cable Assembly Modules (ECAMs) for Single-Cable Entries	
Part Number	Product Description
N721240A	S6 for cables from 3.8 to 6.2 mm diameter and for opening ECAM S7 Ports
UU003030390	S7 for cables from 3 to 7 mm diameter
UU003028675	S9,5 for cables from 3.5 to 9.5 mm diameter
FQ100083556	S12 for cables from 4 to 12 mm diameter
FQ100079562	S18 for cables from 5 bis 18 mm diameter

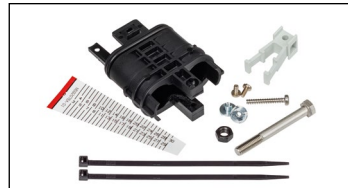
External Cable Assembly Module (ECAM) with Gasstop	
Part Number	Product Description
N721291A	S6/7 Gasstop for Micro Ducts 7 mm OD
N721292A	S9.5 Gasstop for Micro Ducts 10 mm OD

External Cable Assembly Modules (ECAMs) for Double Cable Entries*	
Part Number	Product Description
FQ100084638	D18 Main Body from 4.5 to 6 mm diameter
FQ100084646	D18 Kit for cable from 4.5 to 6 mm
N721318A	D18 EASY INSTALL for cable from 4 to 8 mm
FQ100081857	D18 Main Body from 6 to 18 mm diameter
N721319A	D18 EASY INSTALL for cable from 6 to 12 mm
FQ100081931	D18 8 Kit for cable from 6 to 9 mm
N721320A	D18 EASY INSTALL for cable from 11 to 16 mm
FQ100081964	D18 Kit for cable from 15 to 18 mm
FQ100078911	D27 for cables from 5 to 27 mm diameter

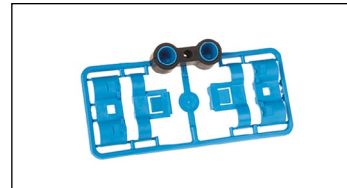
* For the Double ECAMs D6–18 pls. order the housing (FQ100081857) and order the sealing kit depending on the cable diameter (from 6 to 18 mm)



ECAM S6 Single-Entry Cable Sealing



ECAM D18 Main Body for Double-Entry ECAM



Double-Entry Cable Sealing Kit for cable from 15 to 18 mm



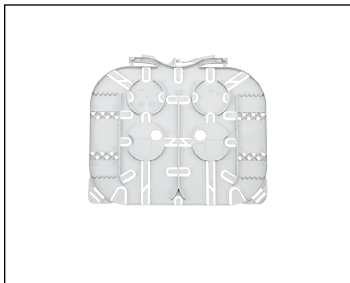
ECAM GASSTOP 10 mm

Splice Trays and Accessories for BPEO Fibre Closures

Splice trays*	
Part Number	Product Description
N541264A	Be-Zone, BPEO-BZ-12+12 can hold 2 x 12 fusion splices in two different zones (1 x 12 and 1 x 12). 1 SLOT = 5 mm
FQ100068284	Be-Zone, BPEO-UZ-12 can hold 12 fusion splices (1 x 12), 1 SLOT = 5 mm
N541274A	Uni-Zone BPEO-UZ-12 ANT+ 1PLC 7 x 4 mm. 1 fibre coiling area with 12 splice holders for up to 12 ANT sleeves (1.2 x 3.2 x 30 mm) and 1 splitter location, 1 SLOT = 5 mm
FQ100069274	Uni-Zone BPEO-UZ-12 ANT+1PLC 4 x 4 mm. 1 fibre coiling area and with 12 splice holders for up to 12 ANT sleeves (1.2 x 3.2 x 30 mm) and 1 splitter location dimension 4 x 4 x 40 mm. 1 SLOT = 5 mm
N541272A	BPEO-SD-24+PLC 7 x 4 mm, can hold 24 fusion splices (3 x 8) and one planar light circuit (PLC) splitter (4 x 4 x 40 mm or 4 x 4 x 50 mm or 4 x 7 x 50 mm)

Accessories	
Part Number	Product Description
UU00401874I	Pole Plastic Bracket for use with Fibre Closures BPEO size 1 and size 1.5
FQ100075909	Wall/Pole Plastic Bracket for use with Fibre Closures BPEO size 1 and size 1.5
FQ100075917	Wall/Pole Plastic Bracket for use with Fibre Closures BPEO size 2 and size 3
N711961A	Dual front bracket for BPEO Size 1
N712038A	Omega Brackets for BPEO Size 0 installation on MOBRA ARM
N712037A	Omega Brackets for BPEO Size 1 and 1.5 installation on MOBRA ARM
N712046A	Front Bracket Micro Duct Organizer for BPEO Size 1.5 ECAM and GASSTOP 7

* more variants available on demand, please contact your sales representative



Splice Tray Be-Zone 1 Slot, 5 mm



Pole Bracket



Wall/Pole Bracket



[Scan QR](#)
for BPEO fibre closure website



Outside Plant Network – Duct Solution

Ducts (or conduits) offer a highly protective environment for fibre-optic cables. They are typically buried, and then the cables are air-blown, jetted, pulled, or pushed into the duct.

The most commonly deployed dielectric outdoor cable design is ALTOS™ loose tube cable, which can be blown, jetted, or pulled into a duct or conduit that will protect the cable during its installed lifetime. Dielectric loose tube cables are suitable for lashed aerial and duct installations.



[Visit our website](#)
to learn more about ALTOS
Loose Tube Cable and Fibre
Dome Closures



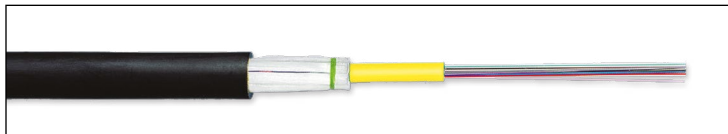
Outdoor Cables

SST Central Tube Dielectric Armour Outdoor Cable E9, SMF-28e+, ITU-TG652.D, CT 3.0			
Part Number	Fibres	Product Description	Outer Diameter
004EEG-13122A20	4	1 × 4 Fibres E9 SMF-28e+® ITU G652.D CT 3.0	6.4 mm
012EEG-13122A20	12	1 × 12 Fibres E9 SMF-28e+ ITU G652.D CT 3.0	6.4 mm

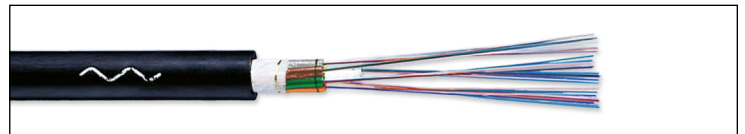
ALTOS™ Loose Tube Outdoor Duct Cable E9, SMF-28e+, ITU-TG652.D LT 2.0 HDPE			
Part Number	Fibres	Product Description	Leg Length /OD
024EP4-T3122P20	24	2 × 12 Fibres	8.3 mm
048EP4-T3122P20	48	4 × 12 Fibres	8.3 mm
096EP4-T3122P20	96	8 × 12 Fibres	9.5 mm
144EP4-T3122P20	144	12 × 12 Fibres	12.2 mm
192EP4-T3122P20	192	16 × 12 Fibres	12.3 mm
216EP4-T3122P20	216	18 × 12 Fibres	12.3 mm
288EP4-T3122P20	288	24 × 12 Fibres	14.2 mm

ALTOS Loose Tube Dielectric Armour Outdoor Cable E9, SMF-28e+, ITU-TG652.D, LT 2.0, HDPE, A-DQ(ZN)B2Y			
Part Number	Fibres	Product Description	Outer Diameter
024EPG-T3122P20	24	2 × 12	8.7 mm
048EPG-T3122P20	48	4 × 12	8.7 mm
096EPG-T3122P20	96	8 × 12	9.9 mm
144EPG-T3122P20	144	12 × 12	12.6 mm
192EPG-T3122P20	192	16 × 12	12.9 mm
216EPG-T3122P20	216	18 × 12	12.9 mm
288EPG-T3122P20	288	24 × 12	14.7 mm

* Additional fibre counts and jacketing options available, please [refer to our online catalogue](#) for more details.



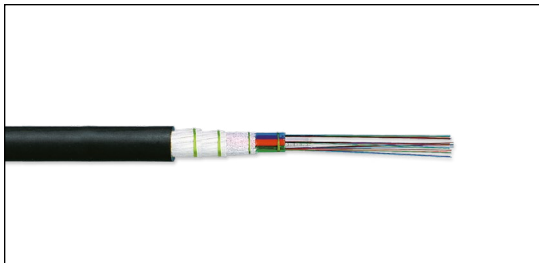
SST Central Tube Dielectric Armour Outdoor Cable



ALTOS Loose Tube Outdoor Cable

Outdoor Cables

ALTOS™ Loose Tube, Fully Dry Outdoor Cable with SMF-28® Ultra Fibre with binderless FastAccess™ Technology			
Part Number	Fibres	Product Description	Outer Diameter
012ZP4-T3F20D20	12	1 × 12 Fibre Gel-Free ALTOS LT 2.0 HDPE	8.5 mm
024ZP4-T3F20D20	24	2 × 12 Fibre Gel-Free ALTOS LT 2.0 HDPE	8.5 mm
048ZP4-T3F20D20	48	4 × 12 Fibre Gel-Free ALTOS LT 2.0 HDPE	8.5 mm
072ZP4-T3F20D20	72	6 × 12 Fibre Gel-Free ALTOS LT 2.0 HDPE	8.5 mm
096ZP4-T3F20D20	96	8 × 12 Fibre Gel-Free ALTOS LT 2.0 HDPE	9.7 mm
144ZP4-T3F20D20	144	12 × 12 Fibre Gel-Free ALTOS LT 2.0 HDPE	12.4 mm
144ZR4-Y3F20D20	144	6 × 24 Fibre Gel-Free ALTOS LT 2.3 HDPE	9.3 mm
192ZR4-Y3F20D20	192	8 × 24 Fibre Gel-Free ALTOS LT 2.3 HDPE	10.7 mm
288ZR4-Y3F20D20	288	12 × 24 Fibre Gel-Free ALTOS LT 2.3 HDPE	13.7 mm



ALTOS Loose Tube Dielectric Armour Outdoor Cable



ALTOS Loose Tube, 6 × 12 F, Peeled Off with FastAccess Technology



More about ALTOS™ Gel-Free Loose Tube Cable with Binderless FastAccess™ Technology – [please visit our website.](#)



CORNING

New easy-sealing base.

Intuitive FRECAP 2 Closure secures in seconds.
Seal in seconds with just a screwdriver.
Seal in seconds. No O-ring!



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to learn more about
Freicap 2 closures



FRECAP 2 Closures

FRECAP2 Closures with MAX fibre management	
Part Number	Product Description
FC2-S-MAX-0000000000-WW	Size S, Max splice trays organiser for 2 × 24 Slots Items to be ordered separately: splice trays, sealing segments, strain-relief
FC2-M-MAX-0000000000-WW	Size M, Max splice trays organiser for 2 × 36 Slots Items to be ordered separately: splice trays, sealing segments, strain-relief
FC2-L-MAX-0000000000-WW	Size L, Max splice trays organiser for 2 × 60 Slots Items to be ordered separately: splice trays, sealing segments, strain-relief
FC2-S-MAX-096C2T00000-WW	Size S, 48 SC (5 mm) trays ANT, 2×2 fold segment 7–14 mm, 6 blind segments. Distribution 96F Cable in Single Circuit, 5 mm Tray with crimp splice protection.
FC2-S-MAX-144E2T00000-WW	FRECAP 2 Closure, Size S, 12 SE (10 mm) trays ANT, 2×2 fold segment 7–14 mm, 6 blind segments. Distribution 144F Cable in Single Element with crimp splice protection.
FC2-M-MAX-144C2A00000-WW	Size M, 72 SC (5 mm) trays ANT, 2×1 fold segment 12–18 mm, 6 blind segments. Distribution 144F Cable in Single Circuit (SC) with crimp splice protection.
FC2-L-MAX-288HIAITB00-WW	Size L, 24 SE (10 mm) trays HS, 1×1 fold segment 12–18 mm, 1×2 fold Segment 7–14 mm, 6 blind segments, with outer cable bracket. Distribution 288F Cable in Single Element with heat shrink splice protection

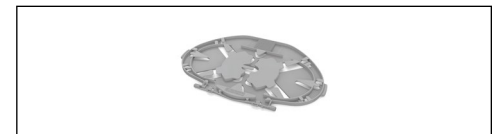
FRECAP2 Cable Entry segments	
Part Number	Product Description
FC2-SEG-1x12-18	1 fold for cables 12–18 mm or 12, 14, and 16 mm mini ducts Includes strain-relief
FC2-SEG-1x18-25	1 fold for cables 18–25 mm, Includes strain-relief
FC2-SEG-1x25-28	1 fold for cables 25–28 mm, includes strain-relief
FC2-SEG-2x7-14	2 fold for cables 7–14 mm or 7, 10, and 12 mm mini ducts. Includes strain-relief INSERT (7, 10 mm gas-and water blocker (EZA); 12, 14 mm EZA with outer diameter <19 mm) and dummy plugs
FC2-SEG-4x5-8	4 fold for cables 5–8 mm or 7 mm mini ducts. Includes strain-relief and dummy plugs
FC2-SEG-BLIND	Blind-Segment



FRECAP2 Closure Size S



FRECAP2 Cable Entry Segment 1×18–25 mm



Single Circuit MAX Splice Tray

FRECAP2 Accessories	
Part Number	Product Description
FC2-CBL-STRAIN-REL	Outer cable bracket
FC2-WALL-POLE-MNT	Wall/pole installation mount
FC2-INSTALL-HOLDER	Table installation holder
S46998-A002-R497	MAX SC splice tray, 1 slot, 12 × crimp
S46998-A2-R95	MAX SE splice tray, 2 slots, 12 × crimp
S46998-A2-R94	MAX splice tray SC splice tray, 1 slot, 6 × heat shrink
S46998-A2-R96	MAX SE splice tray, 2 slots, 12 × heat-shrink
S46998-A2-R316	MAX SE multi-purpose tray, 2 slots, for splitter or water sensor, black
S46998-A2-R152	Cover for SC splice tray
S46998-A2-R153	Cover for SE splice tray
S46998-A19-R20	Grounding kit for cable with metal elements: 260 mm × 2.5 mm



Evolv[®] Home Solution

Regardless of the MDU Scenario, Corning Has Your Fibre Solution.

Whether you're servicing a business or a residence, there's no one-size-fits-all answer for your multidwelling unit (MDU) needs. You need a customised solution and a collaborator with the expertise to simplify your challenges, so you can focus on delivering the services and applications that your subscribers expect. Other variables like aesthetics, labour skill level, and rights-of-way access will factor into your architec-

ture and product selection. Choose a supplier that knows your environment and has manufacturing expertise that can help you choose flexible, simplified product sets. What you will find on the following pages are a range of solutions that address the wide variety of environments you may encounter in the field, backed by the expertise we've gained in more than 20 years of global deployments.

Evolv[®] Home Solution

Inside the Basement

PBO Terminals and Building access terminals (BAT) are the transitioning point for the outside plant (OSP) network to the customer premise, providing an access point for the operator. OSP cables are terminated here and changed to flame retardant indoor cables. The terminal can house splitters for passive optical network (PON) structures.

At the Staircase Level

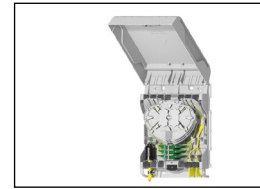
Depending on the number of customers served and the number of floor levels, you could run a single drop cable to each apartment (direct drop) or consolidate several fibres and/or cables to save space and installation time. These cables vary in numbers of fibre and could be pre-connectorised at the basement and/or the tap points to meet your needs.

At the Floor Level

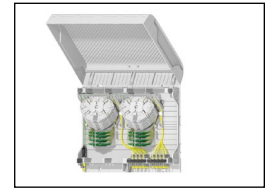
Cable at this section of the network is typically deployed when the customer gets connected. Often, there are not sufficient ducts in place. The Clear Track Hallway Fibre Pathway and Clear Track ILU Fibre Pathway allow for a secure, fast, and easy way to connect the customer, using adhesives to install the ducts and run the drop cable to each apartment.

Inside the Living Unit

Corning provides you with cable, outlet, and connectivity solutions that are optimised to reduce installation time, allowing you to focus on servicing the customer or upselling additional features.



BAT MAX



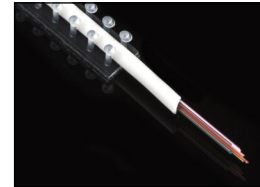
Preconfigured BAT MAX XL Wall Box



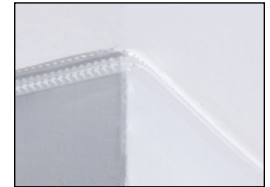
PBPOS & PBPOC



NPC SC Connectors



Clear Track Hallway Fibre Pathway with Clear Track 12-Fibre Micro Module



Clear Track Hallway Fibre Pathway



Clear Track ILU Fibre Pathway with 900 µm Clear Fibre



OTO-10080 Wall Outlet

Corning[®] ClearCurve[®] – the Optical Fibre of choice at the customer premises

Corning[®] ClearCurve[®] ZBL optical fibre delivers the best macrobending performance in the industry while maintaining compatibility with current optical fibres, equipment, practices, and procedures. This full-spectrum single-mode optical fibre, when subjected to smaller radii bends, experiences virtually no signal loss. ClearCurve ZBL fibre exceeds the most stringent bend-performance requirements of ITU-T recommendation G.657.A2 and B3 and G.652.D and the installed base of Corning[®] SMF-28e[®] and SMF-28e+[®] fibres. Network planners and designers are now able to design optical fibre into much more challenging installations and environments.



ClearCurve ZBL-fibre reel

Maximum Attenuation	
Wavelength (nm)	Maximum Value* (dB/km)
1310	≤ 0.35
1383**	≤ 0.35
1490	≤ 0.24
1550	≤ 0.20
1625	≤ 0.23

* Alternate attenuation offerings available upon request.

** Attenuation values at this wavelength represent post-hydrogen aging performance.

Macrobend Loss			
Mandrel Radius (mm)	Number of Turns	Wavelength (nm)	Induced Attenuation*** (dB)
5	1	1550	≤ 0.10
5	1	1625	≤ 0.30

*** The induced attenuation due to fibre wrapped around a mandrel of a specified diameter.

Mode-Field Diameter	
Wavelength (nm)	MFD (µm)
1310	8.6 ± 0.4
1550	9.65 ± 0.5

Polarisation Mode Dispersion (PMD)	
	Value (ps/√km)
PMD Link Design Value	≤ 0.06****
Maximum Individual Fibre PMD	≤ 0.2

**** Cabled values might differ, depending on cable design, please refer to cable datasheets for details
Complies with IEC 60794-3: 2001, Section 5.5, Method 1, (m = 20, Q = 0.01 %), September 2001.



[Learn more](#) about Corning Optical Fibre Products

PBO Optical Distribution Terminal

PBO Splice & Connect versions	
Part Number	Product Description
PBO12CTI26CPGGB0012TD2	PBO12 Connect, Triangular lock, 12 SC APC simplex adapters, 12 SC APC pigtails TELCORDIA, 2 Heat-shrink fusion for G.652.D fibre – MonoZone splice trays
PBO12CTO86C1108S000XD2	PBO12 Connect, Triangular lock, 8 SC APC simplex adapters, 1 splitter 1:8 IN: spliced & OUT: connectorised with SC APC connectors, 2 Heat-shrink fusion for G.652.D fibre – MonoZone splice trays
PBO12S-T0000D2Y	PBO12 Splice, Triangular lock, 2 Heat-shrink fusion for G.652.D fibre – MonoZone splice trays, 2 tray blockers on the sides
PBO12S-T0000D2N	PBO12 Splice, Triangular lock, 2 Heat-shrink fusion for G.652.D fibre – MonoZone splice trays, Without tray blockers on the sides



PBO Connect Optical Distribution Terminal



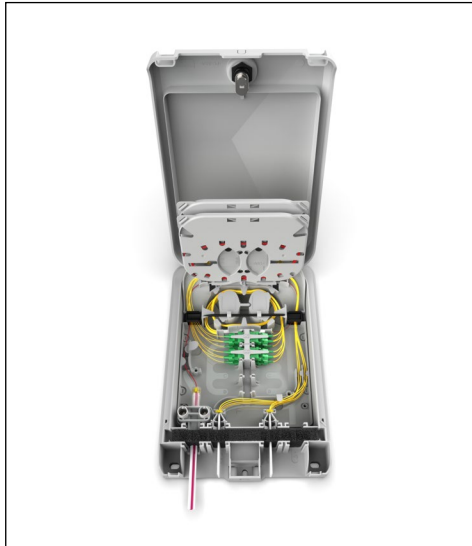
PBO Connect Optical Distribution Terminal with Splice trays and 8 SC APC adapter

Evolv Home Terminal (EHT)

Evolv Home Terminal (EHT)	
Part Number	Product Description
Splitter configuration	
EHTSSU008B3214P00000X2C	Size S, Keyed lock, 4 LC duplex adapters, 2 splitters 1:4 IN: spliced & OUT: connectorised with LC APC connectors, 2 crimp splice trays
EHTSSU012B3314P00000X2C	Size S, Keyed lock, 6 LC duplex adapters, 3 splitters 1:4 IN: spliced & OUT: connectorised with LC APC connectors, 2 crimp splice trays
Pigtail configuration	
EHTSSU0066CPGB000600T2H	Size S, Keyed lock, 6 SC simplex adapters, 6 SC APC pigtails, Telcordia color coding, 2 heat shrink splice trays
EHTSSU006B3PGB000600T2H	Size S, Keyed lock, 3 LC duplex adapters, 6 LC APC pigtails, Telcordia color coding, 2 heat shrink splice trays



Evolv Home Terminal (EHT)



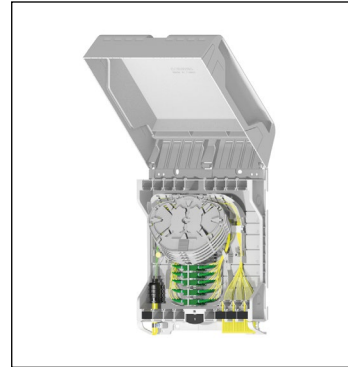
Evolv Home Terminal (EHT) – Splitter configuration



Evolv Home Terminal (EHT) – Pigtail configuration

Building Access Terminal (BAT) MAX – Pigtail configurations

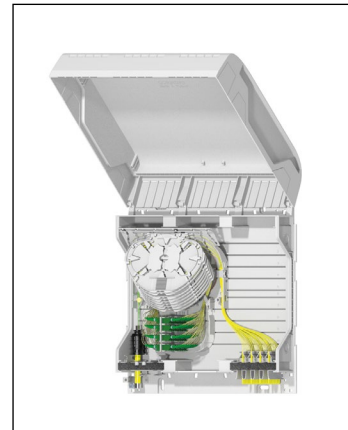
Building Access Terminal (BAT) MAX – Pigtail configurations	
Part Number	Product Description
Size M, EMKA lock, 4 heat-shrink splice trays, Telcordia	
BXMEBB106CPGGB01000T00H04	10 SC APC simplex adapters, 10 SC APC pigtails
BXMEBB16B3PGGB01600T00H04	8 LC APC duplex adapters, 16 LC APC pigtails
Size L, EMKA lock, 8 heat-shrink splice trays, Telcordia	
BXLEDD206CPGGB01200T00H08	20 SC APC simplex adapters, 20 SC APC pigtails
BXLEDD40B3PGGB04000T00H08	20 LC APC duplex adapters, 40 LC APC pigtails
Size XL, EMKA lock, 16 heat-shrink splice trays, Telcordia	
BXXEGE426CPGGB04200T00H16	42 SC APC simplex adapters, 42 SC APC pigtails
BXXEGE80B3PGGB08000T00H16	40 LC APC duplex adapters, 80 LC APC pigtails



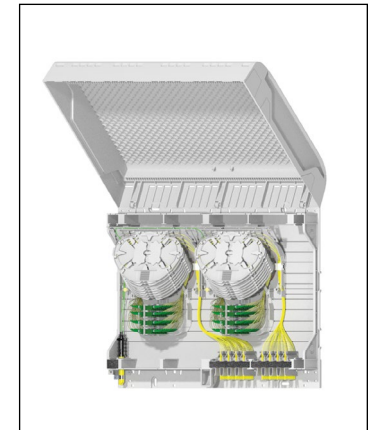
BAT MAX Size M

Building Access Terminal (BAT) MAX – Splitter configurations

Building Access Terminal (BAT) MAX – Splitter configurations	
Part Number	Product Description
BXSEAA046C110400000XSCH03	BAT-MAX S size , EMKA lock, SC APC simplex adapters, 1 splitter 1:4 IN: spliced & OUT: connectorised with SC APC connectors, 3 Heat-shrink splice trays
BXMEBB086C110800000XSCH04	BAT-MAX M size , EMKA lock, 8 SC APC simplex adapters, 1 splitter 1:8 IN: spliced & OUT: connectorised with SC APC connectors, 4 Heat-shrink splice trays
BXLEDD326C211600000XSCH06	BAT-MAX L size , EMKA lock, 32 SC APC simplex adapters, 1 splitter 1:16 IN: spliced & OUT: connectorised with SC APC connectors, 6 Heat-shrink splice trays
BXXEGE326C113200000XSCH10	BAT-MAX XL size , EMKA lock, 32 SC APC simplex adapters, 1 splitter 1:32 IN: spliced & OUT: connectorised with SC APC connectors, 10 Heat-shrink splice trays



BAT MAX Size L



BAT MAX Size XL

Multipurpose Cables

Indoor/Outdoor Multipurpose Cables, FREEDM™ Tight Buffer				
Part Number	Fibres	Product Description	CPR Class	Outer Diameter
002Z8J-36125ESL	2	Indoor/Outdoor, 2F Ultra, grey jacket	Cca-sla,d1,a1	6.2 mm
002U8J-36125EB2	2	Indoor/Outdoor, 2F ZBL, grey jacket, reel-in-a-box, 300 m	Cca-sla,d1,a1	6.2 mm
004Z8J-36125ESL	4	Indoor/Outdoor, 4F Ultra, grey jacket	Cca-sla,d1,a1	6.2 mm
004U8J-36125EB2	4	Indoor/Outdoor, 4F ZBL, grey jacket, reel-in-a-box 300 m	Cca-sla,d1,a1	6.2 mm
012Z8J-36125ESL	12	Indoor/Outdoor, 12F Ultra, grey jacket	Cca-sla,d1,a1	8.7 mm
012U8J-36125EB2	12	Indoor/Outdoor, 12F ZBL, grey jacket, reel-in-a-box, 300 m	Cca-sla,d1,a1	8.7 mm
024Z8J-36125ESL	24	Indoor/Outdoor, 24F Ultra, grey jacket	Cca-sla,d1,a1	10.3 mm
024U8J-36125EB2	24	Indoor/Outdoor, 24F ZBL, grey jacket, reel-in-a-box, 300 m	Cca-sla,d1,a1	10.3 mm

Available in other fibre counts, please refer to our online catalogue for more details.

Indoor Cables				
Part Number	Fibres	Product Description	CPR Class	Outer Diameter
001Z3Z-36525EWH	1	2.4 mm Drop, 1F Ultra, white jacket	Dca-sla,d0,a1	2.4 mm
001U3Z-32525EB2	1	2.4 mm Drop, 1F ZBL, white jacket, reel-in-a-box, 300 m	Dca-sla,d0,a1	2.4 mm
002U8Z-36125EB2	2	MIC™ Tight Buffer, 2F ZBL, white jacket, reel-in-a-box, 300 m	Dca-sla,d0,a1	3.8 mm
004Z8Z-36125EWH	4	MIC Tight Buffer, 4F Ultra, white jacket	Dca-sla,d1,a1	4.2 mm
004U8Z-36125EB2	4	MIC Tight Buffer, 4F ZBL, white jacket, reel-in-a-box, 300 m	Dca-sla,d1,a1	4.2 mm
012Z8Z-36125EWH	12	MIC Tight Buffer, 12F Ultra, white jacket	Dca-sla,d1,a1	6.2 mm
012U8Z-36125EB2	12	MIC Tight Buffer, 12F ZBL, white jacket, reel-in-a-box, 300 m	Dca-sla,d1,a1	6.2 mm
024Z8Z-36125EWH	24	MIC Tight Buffer, 24F Ultra, white jacket	Dca-sla,d1,a1	8.0 mm
024U8Z-36125EB2	24	MIC Tight Buffer, 24F ZBL, white jacket, reel-in-a-box 300 m	Dca-sla,d1,a1	8.0 mm



Reel-in-a-Box Packaging



More about construction products regulations (CPR) – [please visit our website.](#)



PBPO Terminals and Small Floor Terminals

PBPO Splice & Connect versions	
Part Number	Product Description
PBPOC-166CPGGB16TOD2P	PBPO Connect, 16 SC APC simplex adapters, 16 SC APC pigtails TELCORDIA, 2 Heat-shrink fusion for G652D fibre – MonoZone splice trays, Pack of 10 pieces
PBPOC-166C111600XSD4P	PBPO Connect, 16 SC APC simplex adapters, 1 splitter 1:16 IN: spliced & OUT: connectorised with SC APC connectors, 4 Heat-shrink fusion for G652D fibre – MonoZone splice trays, Pack of 10 pieces
PBPOS-0000D2P	PBPO Splice, 2 Heat-shrink fusion for G652D fibre – MonoZone splice trays, Pack of 10 pieces
PBPOS-1108D2P	PBPO Splice, splitter 1:8 IN: spliced & OUT: connectorised with SC APC connectors, 2 Heat-shrink fusion for G652D fibre – MonoZone splice trays, Pack of 10 pieces

PBPO Cover	
Part Number	Product Description
FQ100084315	Protective cover for PBPO Connect & Splice

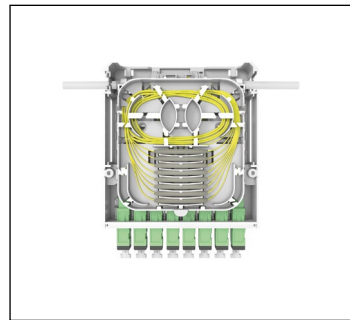
SFT Splice & Connect versions	
Part Number	Product Description
SFTC-086CPGGB08TOHP	SFT Connect, 8 SC APC simplex adapters, 8 SC APC pigtails TELCORDIA, 1 Heat-shrink splice tray, Pack of 20 pieces
SFTS-0000HP	SFT Splice, 1 Heat-shrink splice tray, Pack of 20 pieces



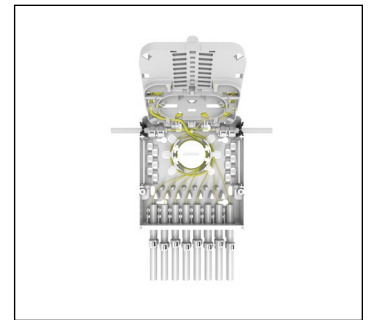
PBPO Splice Floor Terminal



SFT Floor Terminal



SFT Connect



SFT Splice

Clear Track Hallway Fibre Pathway Solution

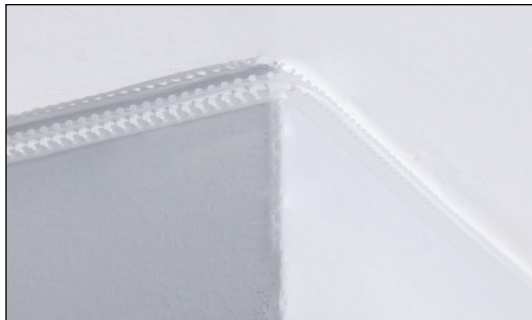
The Corning® Clear Track Hallway Fibre Pathway provides an aesthetically pleasing solution for use in brownfield multidwelling units (MDUs) and multitenant office buildings. It is virtually invisible and features a proprietary, clear adhesive backing material with an easy-peel liner. Application involves no staples, liquid adhesives, or bulky raceways.

Clear Track Hallway for cable up to 2.4 mm	
Part Number	Product Description
80611622780	Clear Track Hallway Fibre Pathway, 125 ft (38 m)
CLR-TRK-CVR -HALL-39X1M	Cover for Clear Track Hallway Fibre Pathway cable up to 2.3 mm, 39 pieces 1 m length each
004JTZ42622N2C	4 Fibre Corning® ClearCurve® Single-mode LBL, white, B2ca-sla,d0,a1
CLR-HALLM-750-8F	Clear Track 8-Fibre Micro-Module 1.8 mm, 750 ft (228 m)
80611623051	Clear Track 12-Fibre Micro-Module 1.8 mm, 750 ft (228 m)

Clear Track Hallway Fibre Pathway Accessories	
Part Number	Product Description
80611380892	Clear Track One Pass Multipurpose Box
80611622822	Clear Track Hallway Small Point-of-Entry Box
80611623085	Clear Track Installation Tool Hallway/Quad
80611621337	Belt Clip Spool Holder, 3 × 2-in (interior diameter × width)
80611623671	Clear Track Wall Compatibility Test Weight and Test Strips
80611635063	Clear Track Hallway Fibre Access Toolkit (fibre pick and mid-span micro-module slitting tool)



Clear Track Hallway Fibre Pathway with Clear Track 12-Fibre Micro Module



Clear Track Hallway Fibre Pathway Installed Around Exterior Corner



More about Corning® Clear Track Hallway ILU Fibre Pathway – [visit our website.](#)

Clear Track ILU Fibre Pathway

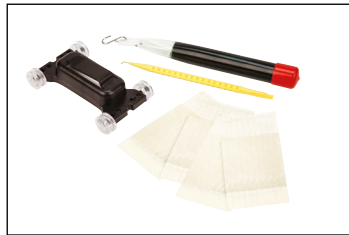
The pathway captures and routes a single 900 µm clear fibre to the desired outlet or terminal location, while remaining virtually invisible. Installation is simple – no heat, fluid adhesives, or staples – and the track can be installed on many surfaces, including latex and oil paints and wallpaper.

Corning® Clear Track ILU Fibre Pathway	
Part Number	Product Description
80611621311	Clear Track Fibre Pathway (track only), 62 m spool
CLR-TRK-CVR-63X1M-ILU	Clear Track ILU Cover, 1 m length, 63 pieces
CLR-TRK-QUAD-80	Clear Track QUAD Fibre Pathway, 80 ft (24 m) spool
CLR-TRK-CVR-QUAD	Clear Track QUAD Cover, 1 m length, 200 pieces
80611498058	900 µm Clear Fibre, 1 km spool
80611622038	900 µm Clear Fibre, 600 ft (183 m) spools

Clear Track ILU Accessories	
Part Number	Product Description
80611498074	Micro Point-of-Entry Wall Cover
80611486459	Clear Track ILU/QUAD Installation Tool
80611621337	Belt Clip Spool Holder (3-in inner diameter, 2-in width)
80611623671	Clear Track Compatibility Test Weight and Test Strips
80611486871	Refill Clear Track Wall Surface Compatibility Test Strips (40 strips)
80611382187	Clear Track Metal 12 in (30 cm) Bridge Strip
CLR-TRK-BRG-PLS	Clear Track Plastic 16 in (40 cm) Bridge Strip



Clear Track ILU Fibre Pathway with 900 µm Clear Fibre



Clear Track Hallway/ILU Wall Compatibility Test Weight and Test Strips



Clear Track Spool with Attached Belt Clip



Clear Track Belt Clip Spool Holder

Wall Outlets (OTO)

Wall Outlet (OTO)	
Part Number	Product Description
OTO10080-Q26SADPTXHP	2 SC APC shuttered simplex adapters, Heat-shrink splice tray, Pack of 96 pieces
OTO10080-Q26CPGGBTHP	2 SC APC simplex adapters, 2 SC APC pigtails TELCORDIA, 1 Heat-shrink splice tray, Pack of 96 pieces

Available in other sizes and configurations, please refer to our online catalogue for more details.

Preterminated Wall Outlets (OTO)	
Part Number	Product Description
PI0080-016SCAWYNI0	1F cable, SC APC shuttered adapter, heat-shrink, 10 m
PI0080-026SCBWWYTI0	2F cable, SC APC shuttered adapter, heat-shrink, 10 m
PI0080-046SCCWWYTI0	4F cable, SC APC shuttered adapter, heat-shrink, 10 m

Low-Profile Wall Outlet and Shuttered SC APC Patch Cords	
Part Number	Product Description
80611488745	Low-Profile Wall Plate with SC APC shuttered adapter (CLR-WPT-01-SCASH-WH)
FXAXA01JIZ30001M	1.0 m SC APC to SC APC Shuttered Patch Cords with 3.0 mm jacketed tight-buffered fibre (CLR-PCD-SCASH-1M)
FXAXA01JIZ30002M	2.0 m SC APC to SC APC Shuttered Patch Cords with 3.0 mm jacketed tight-buffered fibre (CLR-PCD-SCASH-2M)
FXAXA01JIZ30003M	3.0 m SC APC to SC APC Shuttered Patch Cords with 3.0 mm jacketed tight-buffered fibre (CLR-PCD-SCASH-3M)
FXAXA01JIZ300045M	4.5 m SC APC to SC APC Shuttered Patch Cords with 3.0 mm jacketed tight-buffered fibre (CLR-PCD-SCASH-4.5M)



Low-Profile Wall Plate for Shuttered SC Patch Cord



Shuttered SC APC Patch Cord



OTO-10080 Wall Outlet

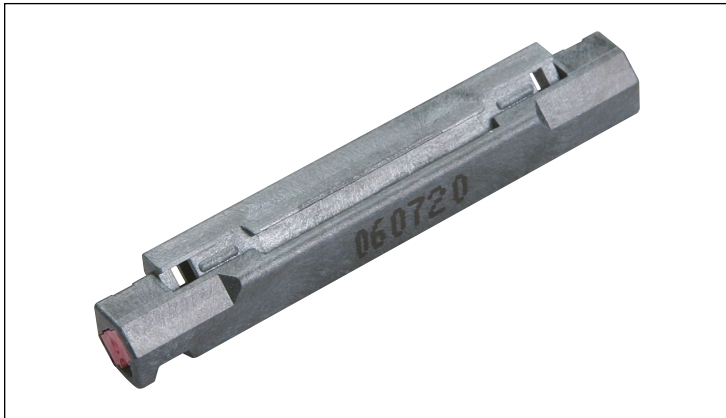
Corning® Fibrlok® Mechanical Splices

Fibrlok® mechanical splices help enable fast, on-site splicing of 250 µm and 900 µm single-mode and multimode fibre.

Fibrlok Mechanical Splice Connectors	
Part Number	Product Description
80610755896	Fibrlok II Universal Optical Fibre Splice for 250 and 900 µm fibre 4 × 6 mm (2529)
JE421001619	Fibrlok 250 µm Fibre Splice for 250 µm fibre 4 × 4 mm (2540G)

Fibrlok and Easy Cleaver Packing	
Part Number	Product Description
80611494396	Fibrlok II Universal Optical Fibre Splice for 250/900 µm fibre 4 × 6mm with Easy Cleaver(2529/C_60)

Fibrlok Fibrlok Preparation Kits	
Part Number	Product Description
80611323751	Fibrlok Splice Kit without fibre cleaver (2559)
FQ100079216	No Polish Connector/ Fibrlok Universal Kit (2559-C)



Fibrlok Mechanical Splices



Fibrlok Preparation Kit

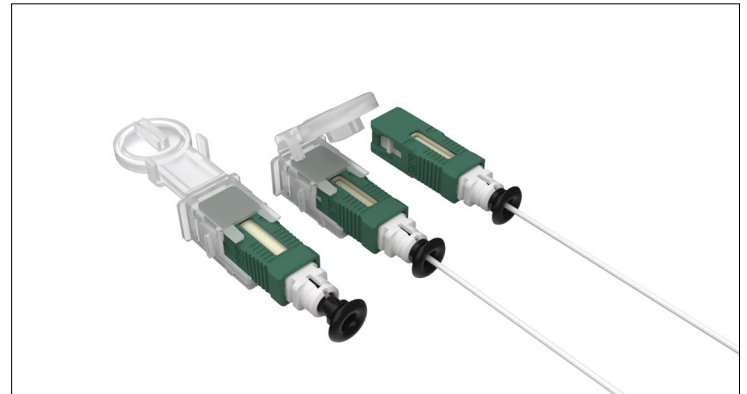
No Polish Connector (NPC and NPC+)

NPCs help enable fast, on-site installation of 250 µm, 900 µm, and jacketed single-mode and cables.

No Polish Connector (NPC and NPC+)		
Specification	NPC 8800 SC UPC SM NPC 8830 LC UPC SM NPC+ SC UPC SM/FS	NPC 8800 SC APC SM/FS NPC 8830 LC APC SM/FS NPC+ SC APC SM/FS
Insertion loss (dB) typical	0.3	0.3
Insertion Loss Typical at 1300 nm	< -40	< -55
Reflectance (dB) maximum over operating temperature range	< -35	< -35
Operating temperature range (°C)	-40°C to 75°C	-40°C to 75°C
Storage temperature (°C)	-40°C to 85°C	-40°C to 85°C
Connector identification	Blue/White	Green/White
Field-termination kit	TKT-NPCP-CI01/8865-C/2559-C	
Materials	Connector Ferrule	Zirconia ceramic
	Connector Housing and Body	Engineered resin
	Boot	Thermoplastic elastomer



NPC LC Connectors



NPC+ SC Connectors

No Polish Connector (NPC and NPC+)

No Polish Connector with Assembly Tool	
Part Number	Product Description
NPCP-SCA-48	NPC+ (No Polish Connector) SC APC, flat splice (FS), 250 µm and 900 µm
NPCP-SCU-SM-48	NPC+ (No Polish Connector) SC UPC, FS, 250 µm and 900 µm
NPCP-LCU-SM-12	NPC+ OS2 LC UPC Connector 250 µm and 900 µm
80611326226	Single-Mode No Polish SC UPC Connector (8800)
80611326267	Single-Mode No Polish SC APC Connector FS with Easy Cleaver (8800-APC/FS)
80611327760	Single-Mode No Polish LC UPC Connector with Easy Cleaver (8830)
80611327786	Single-Mode No Polish LC APC Connector FS with Easy Cleaver (8830-APC/FS)

No Polish Connector with Easy Cleaver	
Part Number	Product Description
NPCP-SCA-120-C	NPC+ (No Polish Connector) SC APC, FS, 250 µm and 900 µm including one Easy Cleaver and one semi-tight buffer clamp
NPCP-SCU-SM-120-C	NPC+ (No Polish Connector) SC UPC SM, 250 µm and 900 µm including one Easy Cleaver and one semi-tight buffer clamp
80611494115	Single-Mode No Polish SC UPC Connector with Easy Cleaver (8800/C)
80611494123	Single-Mode No Polish SC APC Connector flat splice with Easy Cleaver (8800-APC/FS/C)
80611494156	Single-Mode No Polish LC UPC Connector with Easy Cleaver (8830/C)
80611494164	Single-Mode No Polish LC APC Connector flat splice with Easy Cleaver (8830-APC/FS/C)

No Polish Connector with Easy Cleaver	
Part Number	Product Description
80611323793	No Polish Connector Kit with CI-01 Cleaver (8865-C)
TKT-NPCP-CI01	NPC+ Fibre Termination Kit including CI-01 high precision flat cleaver
FQ100079216	No Polish Connector/ Corning® Fiblok® Universal Kit (2559-C)



NPC Preparation Kit – Fibrlok Universal Kit



NPC+ Fibre Termination Kit including CI-01 high precision flat cleaver



Sustainability by Corning

Corning's sustainability journey began 170 years ago with an emphasis on safety, innovation, and community engagement. In recent years, we've expanded our scope to include a broader focus on renewable energy, reducing waste, and designing and manufacturing products with sustainable attributes in partnership with our customers.



[Read more](#)
about Sustainability
in Corning





Tools and Resources

Corning on YouTube Channel

corning.com/opcomm/youtube

Online Drawings Centre

corning.com/emea/en/product-drawings

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corning.com/emea/en/certificates

See the Light® Trainings and Webinars

corning.com/emea/training

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Customer Care

[00800 2676 4641](tel:0080026764641)

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Glossary

ALTOS™	Advanced Loose Tube Operating System
APC	Angled Physical Contact
BAT	Building Access Terminal
CT	Central Tube
ECAM	External Cable Assembly Module
EIA	Electronic Industries Alliance
FREEDM™	Fire-Retardant Environmentally Drivers Minibundle
FRNC	Flame Retardant and Non-Corrosive
FS.	Flat Splice
FTTP	Fibre to the Premises
HC	Hardened Connectivity
HD	High-Density
HDPE	High-Density Polyethylene
IEC	International Electrotechnical Commission
IEEE	Institute of Electrical and Electronics Engineers
ISP	Inside Plant
ITU	International Telecommunications Union
ITU G.652	Defines Standard Single-Mode Fibres
ITU G.657	Defines Standard Bend-Improved and Bend-Tolerant Fibres
LBL	Single-Mode Corning® ClearCurve® Fibre Low-Bend Loss
LC Connector	Lucent Connector, High-Density Connector
LSZH™	Low-Smoke, Zero-Halogen

LT	Loose-Tube
MDU	Multi-Dwelling Unit
MM (OM4)	Multimode (OM4)
MOQ	Minimum Order Quantity
NPC	No Polish Connector
OLT	Optical Line Terminal
ODF	Optical Distribution Frame
OSP	Outside Plant
PON	Passive Optical Network
PoP	Point-of-Presence
SC Connector	Subscriber or Square Type of Connector
SC Tray	Single Circuit Splice Tray
SE Tray	Single Element Splice Tray
SST	Flat Dielectric Drop Cable
SFU	Single-Family Unit
SM (OS2)	Single-Mode (OS2)
SMF	Single-Mode Fibre
TIA	Telecommunications Industry Association
UPC	Ultra Physical Contact
ZBL	Single-Mode Corning® ClearCurve® Fibre Zero-Bend Loss
WDM	Wavelength Division Multiplexer
	FastShip Programmes





CORNING

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