CORNING

Core Products

Carrier Networks

Carrier Innovation

1970 — Invented the first low-loss optical fiber for communication networks

1990 — Fiber optic splice closure 2178 created for buried, below-grade, aerial, and pole-mounted deployments

1994 — Developed first CATV Node Assembly

2005 — SLiC® aerial closure released as free-breathing, weather-resistant, single-piece closure for aerial applications

2012 — Crimplok™+ connector – First-known, commercially available, field-mounted connector for FTTx indoor and outdoor use with no splice, gel, or adhesives

2014 — 7 million homes passed with OptiTip connectors

2016 — Clear Track fiber pathway answers demand for small-footprint, virtually invisible fiber deployment option

2018 — Acquired substantially all of 3M's high-bandwidth products, expanding the optical solutions for our customers and improving access to broadband connectivity

2022 — Introduced Pushlok Connector Technology to FlexNAP system with single-fiber connector

2024 — Multifiber Pushlok technology launches - enabling stubless terminals, multifiber assemblies, and a new RPX®-based FlexNAP system

1992 — First domestic ribbon cable invented

2007 — ClearCurve® fiber revolutionized fiber installation in the most challenging environments

2015 — Launched MiniXtend® cable with Binderless FastAccess® technology with industry-leading fiber density

2020 — Introduced Pushlok® Connector Technology, enabling the smallest-form-factor preconn solutions available

1978 — Developed loose tube fiber optic cable design

2004 — Preterminated OptiTap® connector-enabled products became an industry standard and spurred OptiTip® connector and FlexNAP™ system development facilitating mass FTTH deployments

2013 — Centrix™ system was developed to support high-density solutions for central office applications

2017 — Launched the FlexNAP multiuse system, the industry's first solution to offer a combination of multifiber and single-fiber connection points, making it easier to quickly deploy FTTx networks

2024 — Stubless terminals enable reduced inventory levels and SKUs

Contents

Tailor your network requirements by connecting with the most suitable solution from Corning's wide array of products.

Trust your Network to Corning

Fiber is changing the way we apply technology and grow as a society. We're working hard to connect the unconnected, because where fiber goes, prosperity follows. Corning, as a leading diversified technology company, has a rich legacy of over 170 years in innovating breakthrough technologies that significantly improve people's lives. Our fiber optic product solutions have been the backbone for communication networks worldwide. To ensure successful deployments, you need the support from trusted partners like Corning for easy-to-use, end-to-end passive optical solutions.

We have included product information and a list of tools and resources to help you do the job right the first time.

Together we can connect the unconnected.

Bring Broadband Home

Whether you're an experienced network operator or tackling broadband for the first time, we'll meet you where you are to create a high-quality, cost-effective, fiber-to-the-home solution that's right for you today and scalable for tomorrow. Reliable, high-speed broadband is so much more than a network. It's opportunity. Access. Convenience. The internet allows your neighbors the freedom to live where they want while having the resources they need to live their best life. Discover how Corning can help at **www.corning.com/community-broadband**

Make Us Your Resource

Put the knowledge and experience of the leading manufacturer of fiber optic cable to work for you. We regularly offer real time and on-demand webinars on a wide array of educational topics through See the Light® seminars: **www.corning.com/seethelight**. Corning's Community Broadband site is a resource designed to help you plan and deploy a fiber broadband network in your locality, ensuring reliable and high-speed fiber broadband access to all. Whether you're an experienced network operator or exploring network options for the first time, the site provides guidance on creating and managing a plan to implementing a network in your community. With the goal to Bring Broadband Home, Corning is dedicated to making it easier for everyone to access quality fiber broadband.

www.corning.com/community-broadband.html

Deployment Scenario Analysis

When it comes to deploying optical infrastructure, you have architecture and deployment options – each with advantages and costs. In this complimentary one-on-one session, we will talk through the variables for your network, including distance between homes and local labor rates. Your takeaway will be the per-home-passed price tag and start-to-finish timeline for the various deployment options you're considering.

www.corning.com/fiber-to-the-premise/worldwide/en/home/products/bringing-broadband-home.html

Collaborative Ecosystem Approach

Whether it's your millionth deployment, or your first, we have comprehensive solutions for you. We have formed strategic relationships in every area to make your deployment choice a success, including system integrators, financiers, active equipment manufacturers, network operators, and more.

We're here. **We understand.**

Let us Help You.

Contact your local sales representative or reach out to us at **sdr@corning.com**

Central Office/Headend Solutions

Central Office/Headend Solutions

Connect to Network Transformation

The core of every network is the central office or headend (CO/HE). It's the foundation needed to support the demand for new connectivity, capacity, and speed. Faced with the significant challenges of meeting increased bandwidth demands and providing enhanced services, network operators are re-evaluating their inside plant strategy and realizing new business opportunities. Our hardware solutions simplify the design and deployment of your CO/HE, with versatile product families that offer industry-leading density and flexibility and provide the lowest total cost of ownership.

Visit us at **www.corning.com/central-office-design-guide**

Central Office/Headend Solutions

While there is no "one-size-fits-all" approach to network future-readiness, we have the design experience coupled with versatile central office/headend offerings to create a scalable solution that optimizes the capabilities of your unique network.

1A Outdoor Transition Splice*
- Optical Cross-Connect Cabinet
- SCF Splice Closure
- UCAO Splice Closure

1B Indoor/Outdoor Cable*
- FREEDM® Loose Tube Riser Cable
- FREEDM Ribbon Cable

2A Indoor Transition Splice
- OSE Splice Enclosure

2B Indoor Cable*
- Ribbon Riser Indoor
- FREEDM SST-Ultra Ribbon Riser

3A Medium/High-Density Fiber Distribution
- Centrix™ System

3B Low/Medium-Density Fiber Distribution
- Centrix System

4 Cable Assembly
- Simplex Cable Assembly
- Duplex Cable Assembly

* Please see the respective sections for more information about these products.
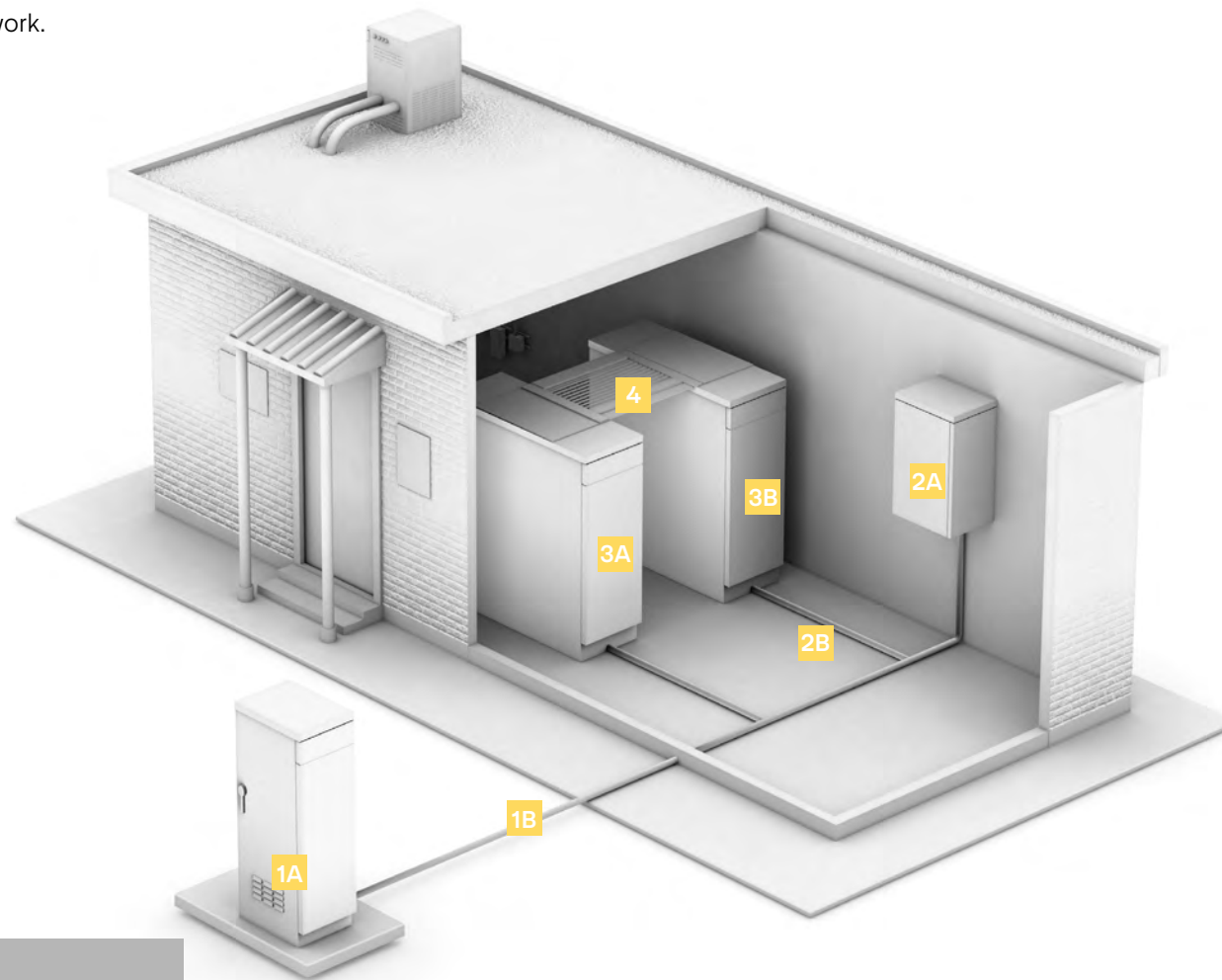
For more information about fiber distribution solutions, visit **www.corning.com/isp**

Central Office/Headend Solutions

1A
Outdoor Transition Splice
For more information about our outside plant cables, please refer to page 21. 📄
For more information about our splice closures and cables, please refer to page 25. 📄

1B
Indoor/Outdoor Cable
For more information about our indoor/outdoor cables, please refer to page 23. 📄

2A	
Indoor Transition Splice	
Optical Splice Enclosure (OSE) 🔗	
OSE-LD0-W0-1-L	Up to 1,296 single-fiber splice or 1,728 ribbon splice, space for 12 OSE splice trays, lockable
OSE-HD0-W0-1	Up to 3,240 single-fiber splice or 4,320 ribbon splice, space for 30 OSE splice trays, no lock
OSE-UD0-00-3	Up to 5,184 single-fiber splice or 6,912 ribbon splice, space for 48 OSE splice trays, no lock
OSE Splice Trays 🔗	
OSE-ST-1	OSE Splice Tray, single-fiber, heat-shrink protectors, 36F per tray
OSE-ST-2	OSE Splice Tray, RTV fusion splice
OSE-ST-3	OSE Splice Tray, Mass Fusion (Ribbon), 72F per tray
OSE-ST-3-TQ	OSE Splice Tray, extended mass fusion (ribbon), 144F per tray
OSE-ST-6	OSE Splice Tray, single-fiber, heat-shrink protectors, 48F per tray
OSE-ST-7	OSE Splice Tray, Q-pack protector, 48F per tray
OSE-ST-9	OSE Splice Tray, single-fiber, heat-shrink protectors, 108F per tray
OSE Cable Entry Kits 🔗	
OSE-CBL-34	0.375 to 0.500-in Cable Diameter Range, OSE
OSE-CBL-35	0.500 to .625-in Cable Diameter Range, OSE
OSE-CBL-36	0.625 to .750-in Cable Diameter Range, OSE
OSE-CBL-37	0.750 to .875-in Cable Diameter Range, OSE
OSE-CBL-38	0.875 to 1.000-in Cable Diameter Range, OSE
OSE-CBL-39	1.000 to 1.125-in Cable Diameter Range, OSE
OSE-CBL-40	1.250 to 1.375-in Cable Diameter Range, OSE
OSE-CBL-41	1.380 to 1.500-in Cable Diameter Range, OSE
OSE-CBL-L1	UD OSE, Strain-Relief Kit, 0.75-in, HS OD
OSE-CBL-L2	UD OSE, Strain-Relief Kit, 1.0-in, HS OD
OSE-CBL-L3	UD OSE, Strain-Relief Kit, 1.5-in, HS OD

2B
Indoor Cable
For more information about our Indoor cables, please refer to page 23. 📄

Central Office/Headend Solutions

High-Density Fiber Distribution Components

Centrix™ System 🔗

Frames	Housings	Cassettes	Jumpers/Cable Assemblies	OSE
CTX-SA-FRAME-7	Centrix Stubbed Housing	Centrix Splice Cassette	Simplex Jumper	OSE-LD0-W0-1-L
CTX-FA-FRAME-7	Centrix Pigtail Loaded Housing	Centrix Splitter Cassette	High-Fiber-Count Cable Assemblies	OSE-HD0-W0-1
	Centrix Loaded Housings	Centrix MTP Cassette	MTP Trunks	OSE-UD0-00-3

Central Office/Headend Solutions

3A
Medium/High-Density Fiber Distribution (continued)

Centrix™ Frames and Housings 🔗	
CTX-SA-FRAME-7	Centrix Standard Frame, Rear Access, jumper manager on left side, cable manager on right side
CTX-FA-FRAME-7	Centrix Standard Frame, Front Access, jumper manager on left side, cable manager on right side
CTX-S4U	Centrix Housing, 4U, 12 cassette positions empty
CTX-S2U	Centrix Housing, 2U, six cassette positions empty
CTX-S1U	Centrix Housing, 1U, three cassette positions empty
CTX-E4U	Centrix Enclosed Housing, 4U, 19- and 23-in rack mount, 12 cassette positions empty
Centrix Stubbed Housings	
CX1483124BS-CF001B	Centrix Stubbed 1U Housing, 48F, LC duplex adapters, single-mode (OS2), APC, 24F cassettes, 31 m FREEDM® riser ribbon indoor cable, top right (standard) cable entry
CX1726124A9-C7001B	Centrix Stubbed 1U Housing, 72F, LC duplex adapters, single-mode (OS2), UPC, 24F cassettes, 61 m ribbon riser indoor cable, top right (standard) cable entry
CX2E43124B3-CF001B	Centrix Stubbed 2U Housing, 144F, LC duplex adapters, single-mode (OS2), APC, 24F cassettes, 31 m FREEDM riser cable, top right (standard) cable entry
CX2M69236A9-C7001B	Centrix Stubbed 2U Housing, 216F, LC duplex adapters, single-mode (OS2), UPC, 36F cassettes, 92 m ribbon riser indoor cable, top right (standard) cable entry
CX4U831246C-UF001B	Centrix Stubbed 4U Housing, 288F, SC simplex adapters, single-mode (OS2), UPC, 24F cassettes, 31 m FREEDM riser cable, top right (standard) cable entry
CX4U831246C-UF001B	Centrix Stubbed 4U Housing, 288F, SC simplex adapters, single-mode (OS2), UPC, 24F cassettes, 31 m FREEDM riser cable, top right (standard) cable entry
CX8CE7636B3-V7001B	Centrix Stubbed 8U Housing, 864F, LC duplex adapters, single-mode (OS2), APC, 36F cassettes, 76 m UltraRibbon™ riser indoor cable, top right (standard) cable entry
CX8CE7636A9-VF001B	Centrix Stubbed 8U Housing, 864F, LC duplex adapters, single-mode (OS2), UPC, 36F cassettes, 76 m FREEDM UltraRibbon riser indoor cable, top right (standard) cable entry
Centrix Accessories 🔗	
CTX-KIT-4RU-19CLP	Centrix 4U Housing Mounting Bracket Kit for 19-in frame
CTX-KIT-4RU-23CLP	Centrix 4U Housing Mounting Bracket Kit for 23-in frame
CTX-KIT-4RU-23HUB	Centrix 4U Housing Routing Hub Kit for 4U in a 23-in frame
CTX-KIT-2RU-19CLP	Centrix 2U Housing Mounting Bracket Kit for 19-in frame
CTX-KIT-2RU-23CLP	Centrix 2U Housing Mounting Bracket Kit for 23-in frame
CTX-KIT-1RU-19CLP	Centrix 1U Housing Mounting Bracket Kit for 19-in frame
CTX-KIT-1RU-23CLP	Centrix 1U Housing Mounting Bracket Kit for 23-in frame
CTX-KIT-RT-DH	Centrix Right-Hand Jumper Routing Waterfall Kit (Qty: 12)
CTX-WORKSHELF (optional)	Centrix Frame-Mounted Workshelf
CTX-SERVICEBKT (optional)	Centrix Cassette Service Bracket
PF1-PK-SA	Rear Cable Access Frame Isolation Ground Pad Kit
PF1-PK-FA	Front Cable Access Frame Isolation Pad
CTX-KIT-RT-DH	Centrix Cassette Kit for right-hand jumper routing (12 per pack)
CTX-KIT-S4U-MTP-SR	Centrix Rear Access Frame Rear-Mounted MTP® Trunk Strain-Relief Bracket
CTX-LABEL-432KIT	Centrix 432-Fiber Label Kit
CTX-LABEL-864KIT	Centrix 864-Fiber Label Kit
CTX-LABEL-1728KIT	Centrix 1,728-Fiber Label Kit
CTXCXS36	Centrix Splice-Through Cassette, 36F, ribbon

Central Office/Headend Solutions

3A
Medium/High-Density Fiber Distribution
Centrix™ Trunks

Z9090E4GPNDDPxxxF	EDGE™ MTP® PRO Trunk, single-mode (OS2), 144F, non-pinned MTP PRO connector with push-pull boot to non-pinned MTP PRO connector with push-pull boot, non-armored, TIA-568 Standard Type-A Polarity, no pulling grip, xxx ft
G9090E4GPNDDPxxxF	EDGE MTP PRO Trunk, single-mode (OS2), 144F, non-pinned MTP PRO connector with push-pull boot to non-pinned MTP PRO connector with push-pull boot, non-armored, TIA-568 Standard Type-A Polarity, pulling grip on first end only, xxx ft

3B
Medium/High-Density Fiber Distribution (continued)
Centrix Pigtailed Splice Cassettes 🔗

CTXCPP36-B3-2RH000	Centrix Splice Cassette with 36 LC APC adapters and MIC® 250 µm standard single-mode pigtails
CTXCPP36-B3-2RJ000	Centrix Splice Cassette with 36 LC APC adapters and single-mode pigtails, ribbon
CTXCPP36-A9-2RH000	Centrix Splice Cassette with 36 LC UPC adapters and MIC 250 µm standard single-mode pigtails
CTXCPP24-6C-2RJ000	Centrix Splice Cassette with 24 SC APC adapters and single-mode pigtails, ribbon
Centrix Modules, Splitters, MTP, Patch, and WDM Modules	
CTXCMR00-B3-SP1132	Centrix Splitter Cassette, One 1x32 splitter, LC APC connectors
CTXCMR00-A9-SP1132	Centrix Splitter Cassette, One 1x32 splitter, LC UPC (OS2)
CTXCMR00-B3-SP1102	Centrix Splitter Cassette, One 1x2 splitter, LC APC (OS2)
CTXCMR00-B3-SP1104	Centrix Splitter Cassette, Four 1x4 splitters, LC APC (OS2)
CTXCMR00-B3-SP1108	Centrix Splitter Cassette, One 1x8 splitter, LC APC (OS2)
CTXCMR00-B3-SP1116	Centrix Splitter Cassette, One 1x16 splitter, LC APC (OS2)
CTXCMR00-B3-SPT102	Centrix Splitter Cassette, Twelve 1x2 splitters, LC APC, (OS2)
CTXCMR00-B3-SP2116	Centrix Splitter Cassette, Two 1x16 splitters, LC APC (OS2)
CTX2402246C-D9892R	Centrix Cassette with 24 SC APC adapters which terminate with two 2-m MTP adapter leg(s), front right access
CTX24AD-932QLR	Centrix Module with 24-port MM LC UPC 2 pinned MTP adapters, OM4, front left access
CTX24B3-892RRR	Centrix Module with 24-port LC APC 2 pinned MTP adapters, OS2, front right access
CTX36A9-893RBR	Centrix Module with 36-port LC UPC 3 pinned MTP adapters, OS2, rear access
CTX36B3-893RBR	Centrix Module with 36-port LC APC 3 pinned MTP adapters, OS2, rear access
CTXCA36-A9B	Centrix Patch Panel Cassette with 36-port LC UPC rear entry
CTXCA36-B3B	Centrix Patch Panel Cassette with 36-port LC APC rear entry
CTXCAE4-90B	Centrix Patch Panel Cassette, 12 port, 144F, single-mode, MTP, rear entry
CTXCAE4-90R	Centrix Patch Panel Cassette, 12 port, 144F, single-mode, MTP, front right entry
CTXXB3B3G0X00000-NC	Centrix CEx LCA/LCA GPON/XGSPON 12 Devices
CTXDB3B3C116200-DU1	Centrix DWDM LCA/LCA Dual 100GHZ spacing 16CH
CTX24A9-E73RRR	Centrix MTP Enabled Module, 24F, three 8-fiber front MTPs, 24 LC UPC connectors
CTX24B3-892RBR	Centrix MTP Enabled Module, 24F, two 12-fiber rear MTPs, 24 LC APC connectors
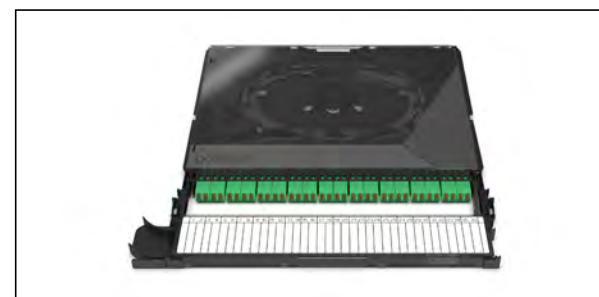
Centrix Splice Cassette, 36 LC APC Adapters

Centrix MTP Enabled Module, 24 LC APC Adapters, 2 Rear MTPs

Centrix Splitter Cassette, One 1x32, LC APC Connectors

Central Office/Headend Solutions

3B	
Low/Medium-Density Fiber Distribution	
Eclipse® Frames and Housings 🔗	
ECL-BAY-7-Z4	Eclipse Frame, 7 ft with top and bottom shelves, 19-in wide
UDF-BAY-19E-07-075	Eclipse Unequal flange, 19-in frame, 7 ft high
UDF-BAY-23E-07-Z75	Eclipse Unequal flange, 23-in frame, 7 ft high
ECL-C4U	Eclipse 4 Rack Unit, holds 12 Eclipse connector panels, up to 144F, empty
ECL-D4U	Eclipse 4 Rack Unit, extended-depth connect-and-splice housing, empty
ECL-C2U	Eclipse 2 Rack Unit, holds four Eclipse connector panels, 48F, empty
ECL-C1U	Eclipse 1 Rack Unit, holds two Eclipse connector panels, 24F, empty
ECL-S4U	Eclipse Splice Housing with capacity for (12) 0.2-in tall splice trays, empty
ECL-S4U-F	Eclipse Splice Housing with capacity for (6) 0.4-in tall splice trays, empty
Eclipse Pigtailed Splice Housings 🔗	
ED4E4P12-D9-3RN6R0	Eclipse 4 Rack Unit, 144F Housing, 12 connectors per panel, SC APC, 900 μm 3-m tails, six SCF-ST-077 splice trays (OS2)
EC224P06-6C-3RJ2R0	Eclipse 2 Rack Unit, 24F Housing, 6 connectors per panel, SC APC, ribbon 3-m tails, two SCF-ST-077 splice trays (OS2)
EC124P12-D9-3RJ1R0	Eclipse 1 Rack Unit, 24F Housing, 12 connectors per panel, SC APC, ribbon 3-m tails, one SCF-ST-077 splice tray (OS2)
EC124P12-59-3RJ1R0	Eclipse 1 Rack Unit, 16F Housing, 8 connectors per panel, SC UPC, 900 μm 3-m tails, one SCF-ST-077 splice tray (OS2)
Eclipse Stubbed Housings 🔗	
ECLE41612D9-U4001B	Eclipse 4 Rack Unit, 144F Housing, 12 connectors per panel, SC APC, 16-m stub, ALTOS® loose tube, gel free (OS2)
EC248161259-C7001B	Eclipse 2 Rack Unit, 24F Housing, 12 connectors per panel, SC UPC, 16-m stub, ribbon riser cable (OS2)
EC248161259-C7001B	Eclipse 2 Rack Unit, 48F Housing, 12 connectors per panel, SC UPC, 16-m stub, ribbon riser cable (OS2)
EC1241612D9-C7001B	Eclipse 1 Rack Unit, 24F Housing, 12 connectors per panel, SC APC, 16-m stub, ribbon riser cable (OS2)
Eclipse Connector Panels 🔗	
ECL-CP12-59	Eclipse 12 connectors per panel, SC UPC (OS2)
ECL-CP12-D9	Eclipse 12 connectors per panel, SC APC (OS2)
ECL-CP08-59	Eclipse 8 connectors per panel, SC UPC (OS2)
ECL-CL08-D9	Eclipse 8 connectors per panel, SC APC (OS2)
ECL-CP06-3C	Eclipse 6 connectors per panel, SC UPC (OS2)
ECL-CP06-6C	Eclipse 6 connectors per panel, SC APC (OS2)

Other connector options exist for the Eclipse family. Please contact Corning Customer Care at 800-743-2671 for additional part numbers or visit www.corning.com/opcomm

Medium-Density Fiber Distribution Components — Eclipse® System

Frame	Housing	Jumpers	Splice/Stubbed Housings	Cable Assembly	Connector Panels

Central Office/Headend Solutions

3A
Low/Medium-Density Fiber Distribution (continued)

Eclipse® Connector Housings 🔗	
ECL-C4U-E4D9	Eclipse 4U Housing, 144 port, 12 connectors per panel, SC APC (OS2)
ECL-C2U-48B3	Eclipse 2U Housing, 48 port, 12 connectors per panel, LC APC (OS2)
ECL-C1U-2459	Eclipse 1U Housing, 24 port, 12 connectors per panel, SC UPC (OS2)
ECL-C1U-24B3	Eclipse 1U Housing, 24 port, 12 connectors per panel, LC APC (OS2)
ECL-C4U-726C	Eclipse 4U Housing, 72 port, 6 connectors per panel, SC APC (OS2)
Eclipse Splitters and WDM	
UMB1CC6CZ6C21132	Eclipse Gen III Splitter, 1x32, SC APC input/output
UMB1CC5CZ5C22116	Eclipse Gen III Splitter, dual 2x16 SC UPC input/output
ECL-GEN3-U8-MH4U	Eclipse 4U equipped with nine Gen III splitter adapters, two ECL-CP-SCPARK parking lots, and one 12F SC APC duplex connector panel, single-mode (OS2)
ESS1AA6C06C01132	Eclipse 1U Shelf, SC APC to SC APC, input/output, one 1x32 device
Eclipse Panels 🔗	
ECL-J1U	Eclipse Hardware Jumper Management Panel, 1 rack unit
ECL-J2U	Eclipse Hardware Jumper Management Panel, 2 rack unit
ECL-J3U	Eclipse Hardware Jumper Management Panel, 3 rack unit
ECL-J4U	Eclipse Hardware Jumper Management Panel, 4 rack unit
Eclipse Accessories 🔗	
2806031-01	Eclipse Heat-Shrink Fusion Splice Protector Parts, single fiber, 60-mm long (package of 50)
2806031-012	Eclipse Heat-Shrink Fusion Splice Protector Parts, 6- or 12-fiber ribbon, 40-mm long (package of 50)
M67-041	Eclipse Splice Tray, RTV splices, 0.2-in, 12F

Eclipse Splitter Shelf

Eclipse Housings, Populated

Eclipse 4U Housing

Eclipse 4U Housing, Stubbed

It's all about connections. Configure yours today.

Cable Assembly Configurator

Our new configurator focuses on our cable assembly solutions and enables users to create part numbers while visually verifying different product attributes. It provides reverse configuration features, realistic visualization, and dynamic specification sheet capabilities.

Visit **www.corning.com/configurators/CAB** to try the cable assemblies configurator. Visit **www.corning.com/pnp** to try the MTP® trunks, harness, and jumpers configurator.
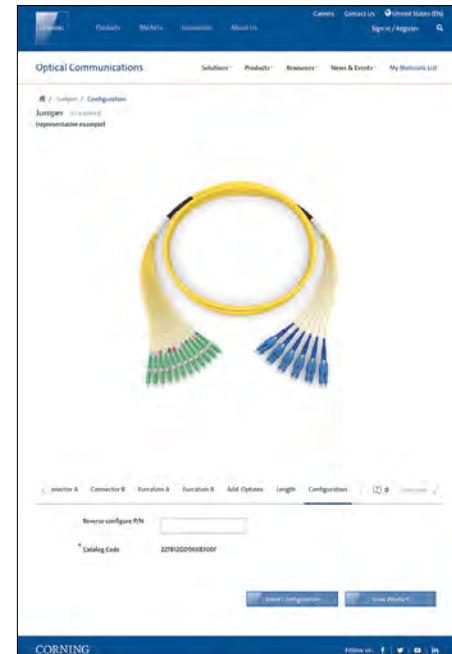
Maximize Your Fiber.

Learn more about how to integrate WDM, CPRI tap modules, and coexistence modules into your network at **www.corning.com/ISP.**

NGPON2 Coexistence Module - For more information read the **Coexistence Elements Solutions Guide**

Centrix™ CPRI Tap Module

DWDM LGX Module

Central Office/Headend Solutions

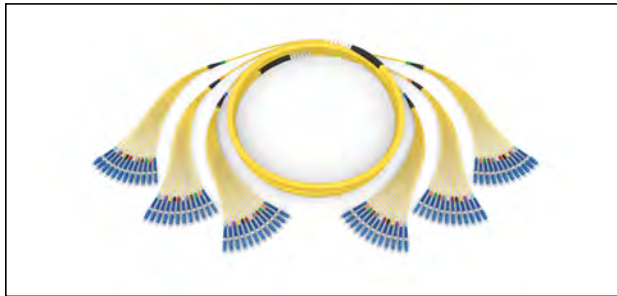| Cable Assemblies	
Multifiber Cable Assemblies with Single-Fiber Connectors	
585836G8131010M	Standard SC UPC Simplex SM, single-mode (OS2), 36F, MIC® Riser, standard yellow jacket, 10 m
444448G8131010M	Standard SC APC Simplex SM, single-mode (OS2), 48F, MIC Riser, standard yellow jacket, 10 m
020272G8131010M	Standard LC UPC Simplex SM, single-mode (OS2), 72F, MIC Riser, standard yellow jacket, 10 m
2222E4G8131010M	Standard LC APC Simplex SM, single-mode (OS2), 144F, MIC Riser, standard yellow jacket, 10 m
Multifiber Cable Assemblies with MTP® Connectors	
G909036GPNDDP010M	EDGE™ MTP® PRO Trunk Straight-Through, OS2, 36F, distribution non-armored indoor plenum cable, MTP 12F non-pinned 33-in legs to MTP 12F non-pinned 33-in legs, grip: one end, 10 m
G909072GPNDDP010M	EDGE MTP PRO Trunk Straight-Through, OS2, 72F, distribution non-armored indoor plenum cable, MTP 12F non-pinned 33-in legs to MTP 12F non-pinned 33-in legs, grip: one end, 10 m
G9090E4GPNDDP010M	EDGE MTP PRO Trunk Straight-Through, OS2, 144F, distribution non-armored indoor plenum cable, MTP 12F non-pinned 33-in legs to MTP 12F non-pinned 33-in legs, grip: one end, 10 m
G9090U8GPNDDP010M	EDGE MTP PRO Trunk Straight-Through, OS2, 288F, distribution non-armored indoor plenum cable, MTP 12F non-pinned 33-in legs to MTP 12F non-pinned 33-in legs, grip: one end, 10 m
G9090AKGPNDDP010M	EDGE MTP PRO Trunk Straight-Through, OS2, 432F, distribution non-armored indoor plenum cable, MTP 12F non-pinned 33-in legs to MTP 12F non-pinned 33-in legs, grip: one end, 10 m
Jumpers (Centrix™ and Eclipse®)	
444401G3116004M	Jumper, single-mode, SC APC to SC APC, 4-m long, 1.6 mm outer diameter
222201G3116004M	Jumper, single-mode, LC APC to LC APC, 4-m long, 1.6 mm outer diameter
224401G3116004M	Jumper, single-mode, LC APC to SC APC, 4-m long, 1.6 mm outer diameter
020201G3116004M	Jumper, single-mode, LC UPC to LC UPC, 4-m long, 1.6 mm outer diameter
444401J3112001M	1F, SC APC to SC APC, loose tube, riser, 1.2 mm, OS2, 1 m length
222201J3112001M	1F, LC APC to LC APC, loose tube, riser, 1.2 mm, OS2, 1 m length
224401J3112001M	1F, LC APC to SC APC, loose tube, riser, 1.2 mm, OS2, 1 m length
020201J3112001M	1F, LC UPC to LC UPC, loose tube, riser, 1.2 mm, OS2, 1 m length

SC APC Jumpers in Centrix Cassette

36-Fiber Cable Assembly, LC UPC to LC UPC Connectors

Single-Fiber Cable Assembly, LC APC to SC APC Connectors

Visit **www.corning.com/configurators/CAB** to try our Cable Assembly Configurator.

Central Office/Headend Solutions

Designed to streamline inventory management, the Corning Jumper in a Box (JIAB) solution is now available with data center-friendly corrugated plastic. This JIAB option offer a stackable, standard size box that contains up to 70 jumpers. All the core product information is clearly visible on the box, including part number, fiber mode, and jumper length.

- **Eco-friendly packaging**
  Cardboard or environmentally friendly corrugated plastic

- **Bags are connected with perforated seam**
  Easy pull-and-tear process to access individual jumpers

- **Product labels placed on the front of the box**
  Quick visual identification of correct jumper length and type

- **Reorder notice placed towards end of jumper bags**
  Reduces risk of running out of product

- **Reduces packaging on jumper orders**
  Less waste and less time required to unpack product

- **Sequential numbers placed on individual jumper bags**
  Improves inventory management

- **Core fiber modes and connector types available with JIAB**
  This solution can be used across application spaces including data center, central office, and headend sites

- **State-of-the-art manufacturing processes**
  Advanced technology results in unsurpassed product consistency and quality

Visit **www.corning.com/jiab** to learn more about our jumper in a box solutions.

Central Office/Headend Solutions

4
Cable Assemblies

Single-Fiber Jumper in a Box	
0202-SR2-x70-01M	LC UPC to LC UPC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 1 m length
0202-SR2-x70-03M	LC UPC to LC UPC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 3 m length
0258-SR2-x70-01M	LC UPC to SC UPC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 1 m length
0258-SR2-x70-03M	LC UPC to SC UPC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 3 m length
2244-SR2-x70-01M	LC APC to SC APC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 1 m length
2244-SR2-x70-03M	LC APC to SC APC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 3 m length
5858-SR2-x70-01M	SC UPC to SC UPC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 1 m length
5858-SR2-x70-03M	SC UPC to SC UPC, 1.6 mm outer cable diameter, single-mode (OS2), 70 jumpers in a box, 3 m length
Two-Fiber Jumper in a Box	
0404-ZR2-x70-01M	LC UPC Duplex to LC UPC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 70 Jumpers in a Box, 1 m length
0404-ZR2-x50-03M	LC UPC Duplex to LC UPC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 50 Jumpers in a Box, 3 m length
0472-ZR2-x60-01M	LC UPC Duplex to SC UPC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 60 Jumpers in a Box, 1 m length
0472-ZR2-x50-03M	LC UPC Duplex to SC UPC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 50 Jumpers in a Box, 3 m length
1866-ZR2-x60-01M	LC APC Duplex to SC UPC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 60 Jumpers in a Box, 1 m length
1866-ZR2-x50-03M	LC APC Duplex to SC UPC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 50 Jumpers in a Box, 3 m length
4444-ZR2-x60-01M	SC APC Duplex to SC APC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 60 Jumpers in a Box, 1 m length
4444-ZR2-x50-03M	SC APC Duplex to SC APC Duplex, 2.0 mm outer cable diameter, single-mode (OS2), 50 Jumpers in a Box, 3 m length

Note: X = Use P for plastic or R for refill

Optical Cables and Closures

Optical Cables and Closures

Connect to the Corning Advantage

We invented the first low-loss optical fiber over 54 years ago, igniting the critical spark that began a communications revolution and forever changed the world. And today, we continue to lead the industry in product quality and innovation. With designs for every environment, our innovative cables solve your unique application challenges, from congested duct space and environmental extremes, to mechanical forces and cable-entry concerns.

Visit us at **www.corning.com/cable-and-closure-solutions**

The Cable You Need –
When You Need It.

RPX® Ribbon Cable

Innovative solution that provides the ideal alternative for a variety of connectivity needs. Its unique, gel-free design helps eliminate the time and labor associated with cleaning, and the one-step cable access system significantly simplifies prep work. This cable features a central cavity containing a ribbon stack of up to 144 fibers, which can easily be separated into 12-fiber ribbons by hand.

Optical Cables and Closures

Outside Plant Cables	
SST-Ribbon™ Single-Tube, Gel-Free Cables	
xxxEC4-14100D53	12-216F SST-Ribbon™ Dielectric Cable-250, gel-free, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
xxxEC5-14100D53	12-216F SST-Ribbon Armored Cable-250, gel-free, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
xxxEV4-14100D53	288-864F SST-UltraRibbon Dielectric Cable-250, gel-free, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
xxxEV5-14100D53	288-864F SST-UltraRibbon Armored Cable-250, gel-free, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
RPX® Ribbon Cable-250, All-Dielectric	
xxxEV4-44101D53	24-144F RPX® Ribbon Dielectric Cable-250, gel-free, single-mode (OS2), max: 0.4/0.4/0.3 dB/km, print in ft with SOCC
xxxEv4-24L01D53	24-144F RPX Ribbon Dielectric Cable-250 Long Span Gel-Free, Single-Mode (OS2), Max: 0.4/0.4/0.3 dB/km 2F-Splitable Ribbon Print in ft with SOCC
RPX Gel-Free, Toneable Ribbon Cable	
xxxEV1-44101D53	24-144F RPX Ribbon Toneable Cable-250, gel-free, 24 AWG Cu wire, single-mode (OS2), max: 0.4/0.4/0.3 dB/km, print in ft with SOCC

Note: for RPX Cables: Available in the following fiber counts, 24, 48, 72, 96 & 144

RocketRibbon® Cable-250	
xxxZC4-14700S53	24-144F RocketRibbon® Dielectric Cable-250, gel-free, central stack, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
xxxZC5-14700S53	24-144F RocketRibbon Armored Cable-250, gel-free, central stack, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
xxxZV4-14700S53	288-432F RocketRibbon Dielectric Cable-250, gel-free, central stack, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
xxxZV5-14700S53	288-432F RocketRibbon Armored Cable-250, gel-free, central stack, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
RocketRibbon HD Cable-250	
xxxZQ4-14700S53	432-864F RocketRibbon HD Dielectric Cable-250, gel-free, stranded subunits, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
xxxZQ5-14700S53	432-864F RocketRibbon HD Armored Cable-250, gel-free, stranded subunits, single-mode (OS2), max: 0.35/0.35/0.25 dB/km, print in ft with SOCC
RocketRibbon XD Cable-250	
H28ZQ4-14101S53	1728F RocketRibbon XD Dielectric Cable-250, gel-free, single-mode (OS2), max: 0.4/0.4/0.3 dB/km with 5% of fibers up to 0.5/0.5/0.4, print in ft with SOCC
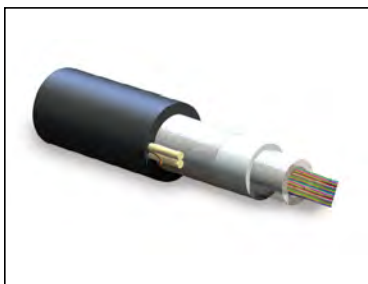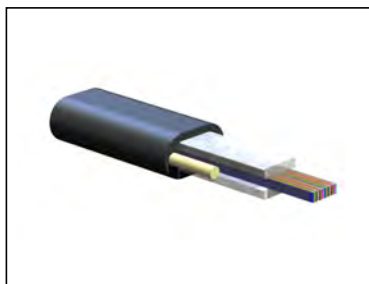
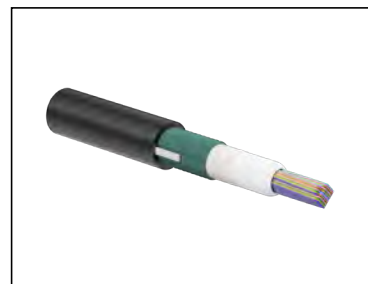SST-Ribbon Cable   RPX Ribbon Cable-250   RocketRibbon Cable   RocketRibbon 250 Armor Cable   RocketRibbon HD Cable-250

Optical Cables and Closures

Outside Plant Cables

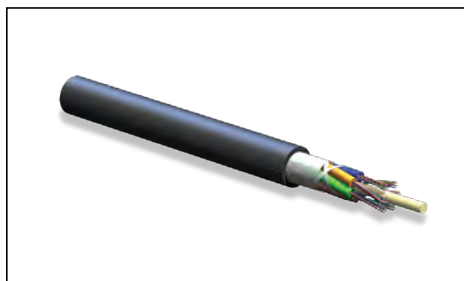| ALTOS® Loose Tube Cables	
xxxEU4-T4100D20	ALTOS® Loose Tube, Gel-Free Cable, single-mode (OS2), 12-288F
xxxEU4-T4700D20	ALTOS Loose Tube, Gel-Free Cable with FastAccess® technology, single-mode (OS2), 12-288F
xxxZU4-T4F22D20	ALTOS Loose Tube, Gel-Free Cable with binderless FastAccess technology, single-mode (OS2), 12-72F
xxxEUC-T4100D20	ALTOS Lite Single-Jacket, Single-Armored Loose Tube, Gel-Free Cable, single-mode (OS2), 12-288F
xxxZUC-T4F22D20	ALTOS Lite Single-Jacket, Single-Armored Loose Tube, Gel-Free Cable with FastAccess technology, single-mode (OS2), 12-72F
xxxZU4-Y4F22D20	ALTOS HD All Dielectric cable with Ultra fiber, 96-288F, 24-fibers per tube
xxxZUC-Y4F22D20	ALTOS HD Lite Armored cable with Ultra fiber, 96-288F, 24-fibers per tube

MiniXtend® Microduct Cables	
xxxZM4-T4F22A20	MiniXtend® Cable with binderless FastAccess technology, xxxF, single-mode, G.652.D/G.657.A1, 12-144F
xxxZH4-Y4F40A20	MiniXtend HD with binderless FastAccess technology (24F/tube), 200 µm, single-mode 144-288F
xxxZH4-S4F40A20	MiniXtend HD with binderless FastAccess technology (36F/tube), 200 µm, single-mode, 288-432F
xxxZM4-T4E49A20	MiniXtend Cable with binderless FastAccess technology, single-mode, G.657.A1 190 µm, 12-72F
xxxZH4-Y4C49A20	MiniXtend Cable with binderless FastAccess technology (24F/tube), single-mode, G.657.A1 190 µm, 192-288F

SOLO® ADSS Optical Cables	
xxxEN4-T4S01A20	SOLO® ADSS Short-Span, Loose Tube, Gel-Filled Cable, single-mode (OS2), 12-144F
xxxEN4-T4M01A20	SOLO ADSS Medium-Span, Loose Tube, Gel-Filled Cable, single-mode (OS2), 12-144F
xxxEAE-T4x01A20	SOLO ADSS Loose Tube, Gel-Filled, Dual-Jacket Cable, single-mode (OS2), 12-288F

Drop Cables			Furcation Kits	
xxxZB4-14101A20	SST-Drop™ Single-Tube, Gel-Filled Cable, single-mode (OS2), 1-24F		**Universal Routing Kits**	
xxxZB1-14101A20	SST-Drop Single-Tube, Toneable, Gel-Filled Cable, single-mode (OS2), 1-24F		FUR-24F	Universal Routing Kit for 24F Loose Tube Cable for routing down to 12-fiber tubes for fusion splicing or direct termination
xxxZBA-14101A20	SST-Drop Long-Span, Gel-Filled Cable, single-mode (OS2), 1-12F			
001EB4-14701DF9	ROC™ Drop, dielectric, single-mode (OS2), 900 µm, 1F		FUR-36F	Universal Routing Kit for 36F Loose Tube Cable for routing down to 12-fiber tubes for fusion splicing or direct termination
001EB1-14701DF9	ROC Drop, toneable, single-mode (OS2), 900 µm, 1F			

Note: xxx = fiber count. Use 012-096 for fiber counts smaller than 144. Example: 012EN4-T4M01A20 for 12 fibers. x = indicates fiber size 0=250 4=200

ALTOS Loose Tube Cable
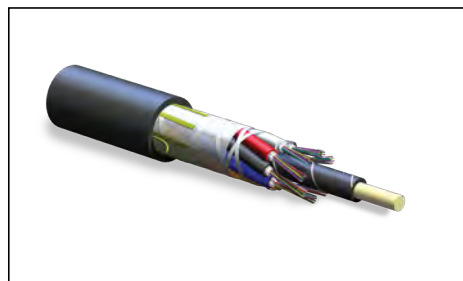
SOLO All-Dielectric Self-Supporting (ADSS) Cable

MiniXtend Cable
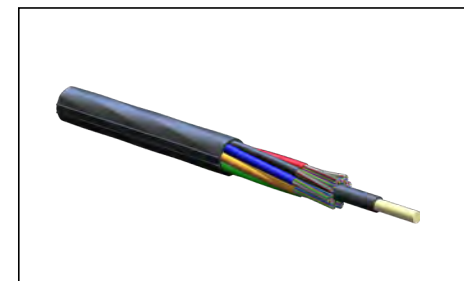
MiniXtend HD Cable

Guide to Drop Cable Lengths and Reel Sizes

Family	Reel Guide Application	Catalog	Length in Feet										Legend	
			500	1,000	1,500	2,000	2,500	3,000	3,500	4,500	5,000	Bulk		
SST-Drop™ Cable	Toneable 🔗	O □□□B1-1□□□□A __	B1	B2	B3	B4	B8	B5	B7	B6	B0	20		14-inch Reel in a Box
	Dielectric 🔗	O □□□B4-1□□□□A __	B1	B2	B3	B4	B8	B5	B7	B6	B0	20		
SST-Drop Indoor/ Outdoor Cable	Toneable 🔗	O □□□B1-1□□□□- __	F1	F2	F3	F4	F8	F5	F7	F6	F0	F9		18-inch Contractor Box
	Dielectric 🔗	O □□□B4-1□□□□- __	F1	F2	F3	F4	F8	F5	F7	F6	F0	F9		
JR Drop, Indoor/ Outdoor	Toneable - not yet available		-	-	-	-	-	-	-	-	-	-		24-inch Reel
	Dielectric 🔗	O □□□B4-1□□□□R __	F1	F2	F3	F4	F8	F5	F7	F6	F0	F9		
SST-Drop All-Dielectric Self-Supporting (ADSS) Cable	Toneable - no offering available		-	-	-	-	-	-	-	-	-	-		32-inch Plastic Reel (ADSS Only)
	Dielectric 🔗	O □□ZBA-1□□□□A __	B1	B2	B3	B4	-	-	-	-	-	20		
ROC™ Drop Cable	Toneable 🔗	O □□□B1-1□□□□D __	F1	F2	F3	F4	F8	F5	F7	F6	F0	F9		
	Dielectric 🔗	O □□□B4-1□□□□D __	F1	F2	F3	F4	F8	F5	F7	F6	F0	F9		

Reel

Reel in a Box

Optical Cables and Closures

Indoor/Outdoor Cables	
FREEDM® Loose Tube Cables	
xxxEUF-T4101D20	FREEDM® Loose Tube, Gel-Free Cable, riser, single-mode (OS2), 12-288F
xxxEWP-T4101D20	FREEDM Loose Tube, Gel-Free Cable, plenum, single-mode (OS2), 12-72F
xxxEUF-T4101DA1	FREEDM Loose Tube, Gel-Free, Interlocking Armored Cable, riser, single-mode (OS2), 12-288F
xxxEWP-T4101DA3	FREEDM Loose Tube, Gel-Free, Interlocking Armored Cable, plenum, single-mode (OS2), 12-72F
FREEDM Ribbon Cables	
xxxECF-14101-20	FREEDM Ribbon, Gel-Filled Cable, riser, single-mode (OS2), 12-432F
xxxECF-14101-A1	FREEDM Ribbon Interlocking Armored, Gel-Filled Cable, riser, single-mode (OS2), 12-432F
xxxEVF-14101-20	FREEDM UltraRibbon™ Gel-Filled Cable, riser, single-mode (OS2), 504-864F
xxxEVF-14101-A1	FREEDM UltraRibbon Interlocking Armored Gel-Filled Cable, riser, single-mode (OS2), 504-864F
Drop Cables	
xxxUB4-14701-F9	SST-Drop™ Indoor/Outdoor, FastAccess® technology Gel-Free Cable, dielectric, bend-insensitive single-mode (OS2), 1 and 2F
xxxUB1-14101-F9	SST-Drop Indoor/Outdoor, Gel-Free Cable, toneable, bend-insensitive single-mode (OS2), 1 and 2F
xxxU2F-31531-29	Corning® ClearCurve® Rugged Drop, Tight-Buffered Cable, single-mode (OS2), 1 and 2F
001UB4-14701RF9	JR Drop, Indoor/Outdoor, Gel-Free Dielectric Cable with FastAccess technology, bend-insensitive single-mode (OS2), 1F
001EB4-14701DF9	ROC™ Drop, dielectric, single-mode (OS2), 900 µm, 1F
001EB1-14701DF9	ROC Drop, toneable, single-mode (OS2), 900 µm, 1F

Indoor Cables	
MIC® Tight-Buffered Cables	
xxxE81-33131-24	MIC® Tight-Buffered Cable, riser, single-mode (OS2), 2-24F
xxxE81-33131-A1	MIC Tight-Buffered, Interlocking Armored Cable, riser, single-mode (OS2), 2-24F
xxxE88-33131-29	MIC Tight-Buffered Cable, plenum, single-mode (OS2), 2-24F
xxxE88-33131-A3	MIC Tight-Buffered, Interlocking Armored Cable, plenum, single-mode (OS2), 2-24F
Ribbon Cables	
xxxEC7-14101-20	Ribbon Cable, riser, single-mode (OS2), 12-216F
xxxEC7-14101-A1	Ribbon Interlocking Armored Cable, riser, single-mode (OS2), 12-216F
xxxEC8-14101-20	Ribbon Cable, plenum, single-mode (OS2), 12-216F
xxxEC8-14101-A3	Ribbon Interlocking Armored Cable, plenum, single-mode (OS2), 12-216F
ClearCurve Drop Cable	
001U21-31131-29	ClearCurve Compact Drop, Tight-Buffered Cable, single-mode (OS2), 1F

Note: xxx = fiber count. Use 012-096 for fiber counts smaller than 144. Example: 012EN4-T4M01A20 for 12 fibers. All single-mode fiber meets ITU G.652.D specifications with additional bend properties to part numbers with U (G.677.A1)and Z (G.657.B3). More part numbers exist for each family. Please contact Corning Customer Care at 800-743-2671 for additional part numbers.

Optical Cables and Closures

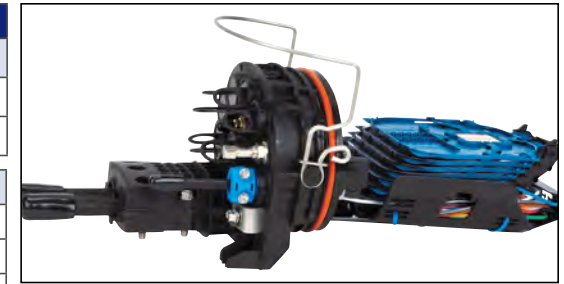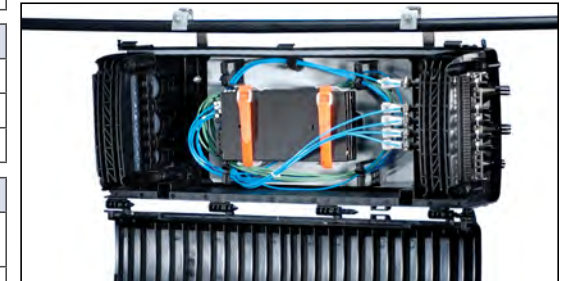| Closures	
SLiC® Closures	
SLFC-533-N-SP-0X	Fiber Aerial Closure 533 with no tray
SLFC-533-N-SP-TS-1A	Fiber Aerial Closure 533 for standard/taut sheath, one fiber optic splice tray 2527
SLFT-547-N-SP-2A-X-0X-00-DSX-NX-X	Fiber Aerial Closure 547 with two trays
SLFC-733-SP-1A	Fiber Aerial Closure 733, one fiber optic splice tray 2527
Accessories for SLiC Closures	
2527	Fiber Optic Splice Tray, compatible with 24 single fusion or 144 mass fusion splices
SLIC-AC-HB2	Extended Hanger Bracket
SLIC-ES/5TC/E	Rubber End Seal, three port, 5 in, version E
SLIC-ES/7TC/E	Rubber End Seal, three port, 7 in, version E
2178 Closures	
2178-XSB-EG-1T-6PGA	Fiber Optic Splice Case 2178-XSB, 48 single fusion/288 mass fusion capacity, with one fiber optic splice tray 2532
2178-LS/4-LUG	Fiber Optic Splice Case 2178-LS, 288 single fusion/864 mass fusion capacity with four cable entry kits and four ground lugs
2178-S	Fiber Optic Splice Case 2178-S, 96 single fusion/288 mass fusion capacity
2178-XL	Fiber Optic Splice Case 2178-XL, 576 single fusion, 1,728 mass fusion, 3,456 ribbon capacity
2178-XL-8G	Fiber Optic Splice Case 2178-XL, 576 single fusion, 1,728 mass fusion, 3,456 ribbon capacity, includes four cable entry kits and eight ground lugs
Accessories for 2178 Closures	
2181-LS	Cable Addition Kit for fiber optic splice case 2178-LS series
2181-XL/CAK	Cable Addition Kit for fiber optic splice case 2178-XL
2181-XB	Cable Addition Kit for Fiber optic splice case 2178-XSB and 2178-XLB
2543-D-288RF Tray	Fiber Optic Splice Tray, 288 ribbon fiber capacity
2534-D-96SF tray	Fiber Optic Splice Tray, 96 single fusion capacity

SLiC Closure

2178 Series Closure

Optical Cables and Closures

Closures and Terminals	
Aerial Terminal (SCA), Splice-In	
SCA-9T24-LRS	SCA-9T24 Series, Aerial Terminal, 24 in, standard end caps, direction fusion splicing, 16 drop ports/8 per side
SCA-9T34-LRS	SCA-9T34 Series, Aerial Terminal, 24 in, standard end caps, direction fusion splicing, 16 drop ports/8 per side
Splice Closure Fiber (SCF)	
SCF-4C18-01	Splice Closure Fiber (SCF), 72 single fiber/144 mass fusion capacity, 4-in diameter, 18-in dome length
SCF-6C22-01-F	Splice Closure Fiber (SCF), 96 single fiber/144 mass fusion capacity, 6-in diameter, 22-in dome length
SCF-6C28-01-F	Splice Closure Fiber (SCF), 192 single fiber/288 mass fusion capacity, 6-in diameter, 28-in dome length
SCF-8C28-01-F	Splice Closure Fiber (SCF), 288 single fiber/432 mass fusion capacity, 8-in diameter, 28-in dome length
Accessories for Splice Closure Fiber (SCF)	
SCF-ST-077	Splice Tray, 48 single-fiber/72 mass fusion fiber capacity
SCF-ST-116	Splice Tray, 24 single-fiber/48 mass fusion fiber capacity
2806031-01	Heat-Shrink Fusion Splice Protector Parts, single fiber, 60-mm long, package of 50
Fiber Dome Closures (FDC)	
FDC-08M-G-N0N-01Q-A-00-U	FDC-08M-G-NG, 1 Tray 2543-D-XSB, 2 RF splice holders, 4 single fusion splice holders, 1 Port D18 (D18 ECAM not included), 8 ports S12 (ECAM not included), 1 Ground, 1 Grounding Kit, 2 Trays Max
FDC-08M-G-N2N-04C-A-00-U	FDC-08M-G-NG, 4 Trays 2540 for 12 or 36 ribbon splice, 1 Port D18 (D18 ECAM not included), 8 ports S12 (2 ECAM S12 included), 1 Ground Stud
FDC-08S-G-N0N-01R-A-00-U	FDC-08S-G-NG, 1 Tray 2543-D, 4 RF splice holders, 8 single fusion splice holders, 1 Port D18 (D18 ECAM not included), 8 ports S12 (ECAM not included), 1 Ground, 2 Trays Max
FDC-08S-B-N00-01R-A-00-U	FDC-08S-B-NG, 1 Tray 2543-D, 4 RF splice holders (splicing cap. 288 ribbon), 8 single fusion splice holders (splicing cap. 96 single), 1 Port D27 (D27 ECAM included), 2 Ports S18 (ECAM not included), 1 Port S12 (ECAM not included) 1 Ground, 2 Trays Max
FDC-10S-D-NN2-01F-C-U	FDC-10S 1 Tray 2541 for 48 single fiber, 1 Double ECAM D27 for cable up to 27 mm OD, 5 ports for ECAM S18 (2 x ECAM S18 included), 3 Ground Studs, capacity 6 trays 2541
FDC-10S-D-NN0-01P-E-00-U	FDC-10S 1 Tray 2541-R for 288 ribbon fiber, 1 Double ECAM D27 for cable up to 27 mm OD, 5 ports for ECAM S18 (ECAM S18 not included), 5 Ground Studs, capacity 3 Trays 2541-R
Drop Repair Closure	
OSC-1-40-00-21	Fiber Drop Repair Closure, 12 single fiber, ribbon splice, 2 SC APC ports
BPEO Splice Closure	
N502365A - Evolv Pushlok BPEO	BPEO S1.5 with 6 Pushlok® adapter ports, 6 pigtails SC APC 900 µm, 1 Tray 10 mm for 3 ribbon splice, 3 Trays 5 mm for 12 fusion splice, 1 ECAM D18 CSM for cable 9-12 mm, 2 Pushlok drop converter kits
BPEO-S0-ALT-04T1-D92-4S9	BPEO Splice/Terminal Closure, Size 0 with 4 trays, 4 single cable entries ECAM, 1 double ECAM for mid-span
BPEO-S0-MXT-04T1-D69-4S7	BPEO Splice/Terminal Closure, Size 0 with 4 trays, 4 single cable entries ECAM, 1 double ECAM for mid-span
BPEO-S1-ALT-07T1-D62-4S9	BPEO Splice/Terminal Closure, Size 1 with 7 trays, 4 single cable entries ECAM, 1 double ECAM, 1 bracket
BPEO-S15-ALT-12T1-D95-2S8	BPEO Splice/Terminal Closure, Size 1.5 with 12 trays, 2 single cable entries ECAM, 1 double ECAM, 1 bracket
BPEO-S15-AMX-12T1-D62-4S9	BPEO Splice/Terminal Closure, Size 1.5 with 12 splicing trays, 4 single ECAM, 1 double ECAM, 1 bracket
BPEO-S2-AMX-14T2-D27-2S8	BPEO Splice/Terminal Closure, Size 2 with 14 trays/24 single splice per tray, 2 single cable entries ECAM, 1 double ECAM, 1 bracket

FDC-08M

SCA Series Aerial Closure
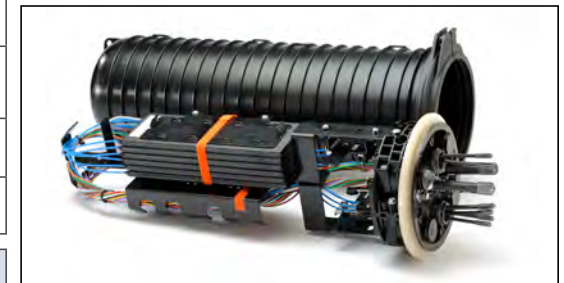
SCF Closure

BPEO Splice Closure, Size 1.5 inches

Legacy Copper

Legacy Copper

Connect to Simplified Migration

When subscriber density or the funds available for investment do not justify a complete fiber overbuild, your existing copper twisted-pair infrastructure can still deliver triple-play service. Your long-term plans may include an all-fiber infrastructure, but for now if it makes sense to gradually upgrade your existing copper network, we can help. We have the products and services you need to migrate your network toward next-generation optical solutions that will meet your customers' high-capacity bandwidth demands.

Built tough for long-term connections.

Corning® Presslok™ Connectors

The same great connector you've come to rely on with a new brand name, Corning Presslok Connectors. With the Presslok series of tools and connectors, service providers can meet the demand for enhanced customer services such as high-speed internet, video-on-demand, and video conferencing. Presslok connectors also offer full wire-range capability, increased port size to accommodate up to 2.08 mm (0.082 in) insulation sizes, and solvent-resistant plastic construction.

As new technologies migrate into the local loop, the importance of reliable connections in the embedded plant has increased exponentially. Each connection is a potential point of failure in high-bandwidth applications, which could require additional time and expense for a technician to repair. That is where the full line of Presslok connectors can really make a difference.
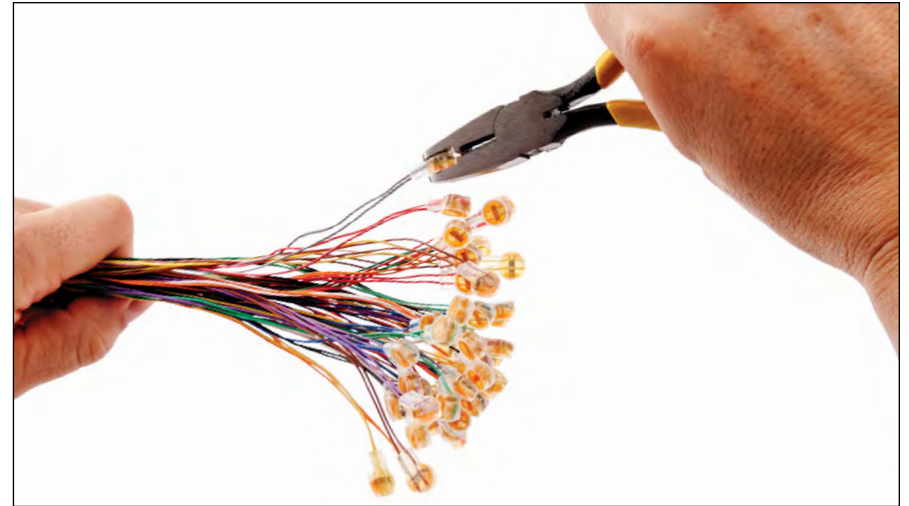
Legacy Copper

1 Copper Splicing
- Discrete Connectors
- Modular Connectors

2 Copper Closures and Terminals
- SLiC® Aerial Closures
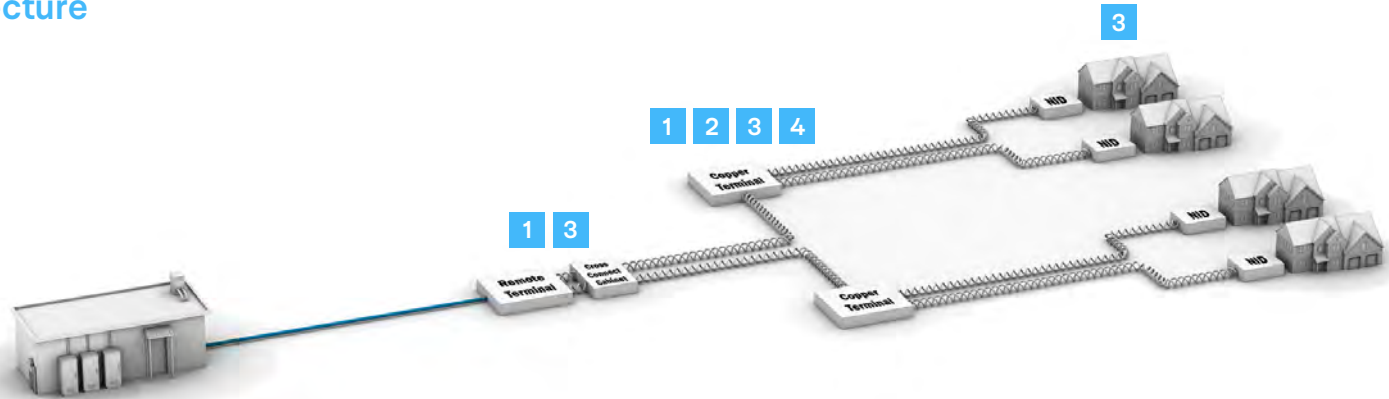- SLiC Terminals
- 2-Type Closures
- Copper Buried Closures

3 Cabinets
- Copper Cross-Connect Cabinets
- QCS Blocks
- Building Entrance Terminals and NIDs

4 Accessories

Traditional DSL Architecture

Legend	
Optical	▬▬▬
Copper Twisted Pair	⬤⬤⬤⬤⬤

Gfast DSL Architecture

Legend	
Optical	▬▬▬
Copper Twisted Pair	⬤⬤⬤⬤⬤
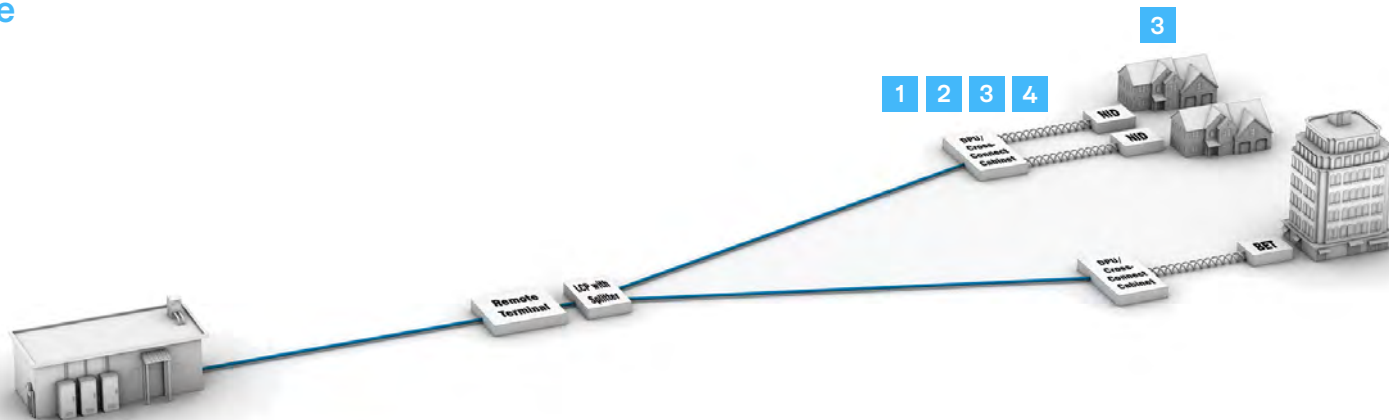
Legacy Copper

1		
Presslok™ IDC Connectors and Tools		
UY2-BOX	UY2 BOX, 26-19 AWG Butt Connector, Gel Filled	
UR2-BOX	UR2 BOX, 26-19 AWG Butt Connector, Gel Filled	
80609100047	Presslok™ Crimp Tool Hand Crimping Tool E-9Y	
80611141294	Presslok Crimp Tool Hand Crimping Tool E-9BM	

*Available in Jar and Cartridge configurations; dry versions available

3		
710 Splice Connectors		
80611048127	710-SC1-25 25 Pair Straight-Only Modular Splice Connector 26-24 AWG	710 Modular Splice Connector 25-pair straight only
80611048218	710-SD-25 25 Pair Straight/Half Tap Modular Splice Connector Dry 26-24 AWG	710 Modular Splice Connector 24-pair straight/half tap dry
MS2® 25-Pair Splicing Modules		
80611150238	4005-GBM/TR MS2 Super Mate Bridge Module (Gel)	MS2® Super Mate Module Bridge, Gel Transparent
80610416218	4005-DPM/TR MS2 Super Mate Plug Module (Dry)	MS2 Super Mate Module Dry Transparent

*710 Splicing System and MS2 Splicing Module Tools available

4		
Building Entrance Terminals & NIDs		
80611481542	4588IPT-QCSHCP1/50-50/24SD-A	Integrated Protection Terminal Narrow, 50 pair max, 25 pair loaded with 710 Module
80611388440	4788V-QCSHC/50-50/SD-A IBET-AL-MOND	IPT, 50 Pair Max, 50 pair loaded with 710 Splicing Module SD
UNI-3003-13U1	Indoor/Outdoor 3-Line NID	1 IDC Universal Line Module, gas tube protector
Copper Cross-Connect Cabinets		
80611494057	4230TXP-QCSHC/5400-0000/A CABXP EMPTY	Cross-Connect Expansion Cabinet Pad Mount, 4230TXP, empty
80611494057	4230STXP-QCSHC/3600-0000/A CAB EMPTY-A	Cross-Connect Cabinet Pad Mount, 4230STXP, empty
80611485444	4220VFS-QCSHC/1800-1200/48T-A CABINET	Pole Mount Cabinet Pole Mount, 4295LXP-QCSHC
80611485519	4220VDS-QCSHC/900-600/48T-A CABINET	Cross-Connect Cabinet Pad Mount, 4220VDS, 600 pair, 710 Module, 48 in

2		
Copper Closures and Terminals		
80611622624	SLIC 5.6X33-RES-N	SLiC® Aerial Closure Kit, 5.6 x 33 in, 2-Type Series with floating bond
80611487804	SLIC 2.6X29 N-RES	SLiC Aerial Closure, 2.6 x 29 in, with rubber end seal
80611487366	SLIC 3.6X33-RES-N	SLiC Aerial Closure, 3.6 x 33 in, with rubber end seal
80611322175	2C2A-505	2-Type Series Sealed Closure Size C Cover
80611322282	2A2A-505	2-Type Series Sealed Closure Size A Cover
80611039464	2D2-2E-505	2-Type Series Sealed Closure Size D, two port
80611312176	328-MTPI-TR/RES	SLiC Aerial Terminal 328 (empty) with rubber end seal
80611303969	328-PI-10-TR/RES	SLiC Aerial Terminal 328 with 10 pair ATS/TR block and rubber end seal
80611303977	328-PI-25-TR/RES	SLiC Aerial Terminal 530 with 25 pair ATS/TR block with rubber end seal
80611156938	530-MTPI-TR/SES	SLiC Aerial Terminal 530 (empty) with spiral end seal
80611147770	8983-8882	Buried Closure 8983 with High Gel 8882
80611147846	BB3x24-8882	Better Buried Closure, 3 x 24 in, with High Gel Encapsulant 8882

Pedestal Cabinet 4220VC, 2810

UR2 Butt Connector

Universal Line Module
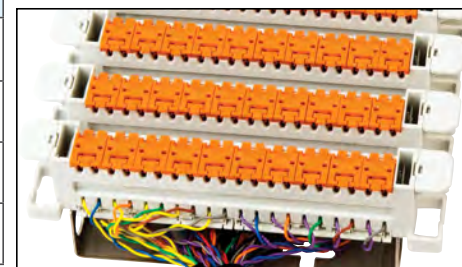
Quick Connect System 2810

SLiC Aerial Closures

Hybrid Fiber Coax

Hybrid Fiber Coax

Connect to Choices

In hybrid fiber coax (HFC), the connectivity choices you make can dramatically impact your network's bottom line starting on day one. Our support in the cable TV segment acknowledges the array of architectures, considers that each deployment presents its own challenges and opportunities, and addresses the operator's needs through a portfolio of products and engineering support designed specifically for MSO.

Do more with your fiber
xWDM technologies

Wavelength division multiplexing (WDM) is a powerful technology that uses multiple wavelengths, or colors, of light to send multiple signals through a single fiber. This allows you to increase the density of your network to meet surging demand without expanding the existing physical infrastructure, saving you time and money.

When you're considering a WDM installation, precise planning and top-quality products are critical. We can help you successfully navigate the fast-evolving WDM landscape and do more with fiber in your network.

Visit **www.corning.com/wdm** to learn more about how Corning can help with your xWDM needs.

Hybrid Fiber Coax

1 **Headend**
- Centrix™ System
- Eclipse® Hardware

2 **Local Convergence Point**
- 2178 Closure
- UCA Series Sealed Closure
- LCPE with Splice

3 **Node**
- CATV Node Assembly

4 **Fiber Feeder and Distribution**

5 **RF Tap Point**

Legend	
Optical	——
Copper	——

Hybrid Fiber Coax

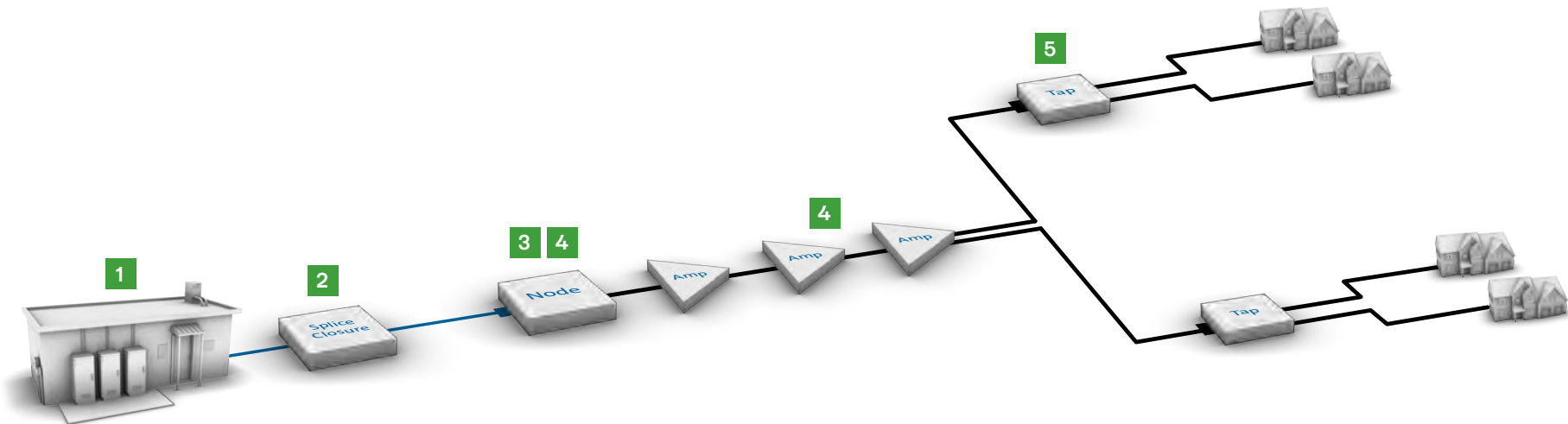| 1	
Headend	
LDK20B3-A81RFB	Breakout Module, 20 F, CPAC 100G, single-mode, MPO(M) to LC APC
DKXB31A204000ZZB5O	20-Channel DWDM, UPG, Express, OTDR, dual test, LGX
CA16C01TZZUN	Eclipse® Single-Wide Module with (1) CWDM device, 1310, 1490, 1550, 1610
EDGE-01U-DWDM	EDGE™ HD Dense Wavelength Division Multiplexing (DWDM) Module, 1 rack unit housing, holds up to 12 EDGE modules
DWXMA1B122600ZZENN	EDGE HD Dense Wavelength Division Multiplexing (DWDM) Module, 12u with LC APC for Com and Exp port, and MDC APC outputs for CH: 26-37
DWXMA1B125000ZZBBO	EDGE HD Dense Wavelength Division Multiplexing (DWDM) Module, 12i with LC APC for Com, AUX, Test/Monitoring ports, and MDC APC output ports for CH: 50-61
DWXMA1B241400ZZENN	EDGE HD Dense Wavelength Division Multiplexing (DWDM) Module, 24u with LC APC for Com and Exp port, and MDC APC outputs for CH: 14-37
DWXMA1B243800ZZBBO	EDGE HD Dense Wavelength Division Multiplexing (DWDM) Module, 24i with LC PC for Com, AUX, Test and Monitoring ports, and MDC APC output ports for CH: 38-61
CLS-50-0-DW1-1120-3A201	Dense Wavelength Division Multiplexing Module, MUX, 4 CH: 20-23, COM, EXP (Tray-Mountable)
CLS-53-0-DW1-1220-3A201	Dense Wavelength Division Multiplexing Module, MUX, 8 CH: 20-27, COM, EXP (Tray-Mountable)
CLS-53-0-DW1-1320-3A101	Dense Wavelength Division Multiplexing Module, MUX, 16 CH: 20-35, COM, EXP (Tray-Mountable)
CLS-53-0-DW1-1420-3A201	Dense Wavelength Division Multiplexing Module, MUX, 20 CH: 20-39, COM, EXP (Tray-Mountable)

2	
Local Convergence Point	
2178-XL	Fiber Optic Splice Closure 2178 XL
UCAO-05-24	UCAO Splice Closure with five tray shelves, and with two UCAO-ST-02 splice trays
EDBS00BBSC00BBS00P	LCP Enclosure (LCPE), loose tube 144 F, splice capability, Preformed Line Products shell

3	
Node	
CCSV6C6E00-0F0100	ALTOS® Non-Armored Cable, 12F, single-mode, six LC APC to 6 SC APC, 25-in (2-mm) legs, 100 ft
CESV8C4N00-0F0100	ALTOS Single-Jacket, Single-Armored Cable, 12F, single-mode, eight LC APC to four nonterminated legs, 25-in (2-mm) legs, 100 ft
CC9V6C6E00-0F0100	CATV 90-Degree, ALTOS Non-Armored Cable, 12F, single-mode, six LC APC to 6 SC APC, 25-in (2-mm) legs, 100 ft
CE9V6C6E00-0F0100	CATV 90-Degree, ALTOS Single-Jacket, Single-Armored Cable, 12F, single-mode, eight LC APC to four nonterminated legs, 25-in (2-mm) legs, 100 ft

Note: More part numbers exist for each family. Please contact Corning Customer Care at 800-743-2671 for additional part numbers.
For a more comprehensive MSO product offering, please visit www.corning.com/catv.

Cable TV Node Assembly

LCPE enclosure with WDM modules
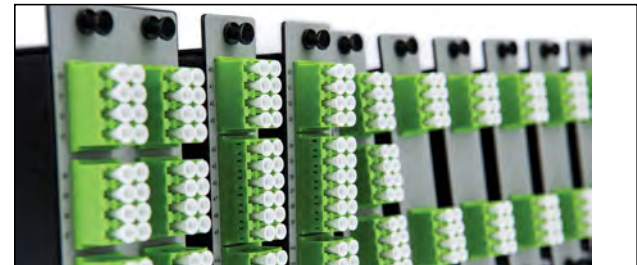
DWDM LGX Module

FTTH
Single-Family Units

FTTH – Single-Family Units

Connect to World-Class FTTH Innovation

Whether your deployment is to an SFU or MDU, you can count on our fiber to the home (FTTH) expertise. With 20 years experience and over 100 million homes passed worldwide (over 45 million homes connected with hardened connectors), we've set the standard for innovative, field-proven FTTH solutions. Our portfolio of products and engineering support is designed to address your specific challenges from speed of deployment, labor and cost considerations, performance requirements, future readiness, and more.

Go Smaller, Faster, Simpler – Anywhere.

Evolv® Solution with Pushlok® Technology – Leading through Innovation. The Pushlok hardened connector technology is the key component to enabling smaller terminals and drop for FTTx networks.

Smaller and smarter configurations save time, space, and money. Continuous innovations allow everyone to Evolv their networks.

The preconn evolution continues…
Innovation is in our DNA. Visit **www.corning.com/go** for details

FTTH – Network Architecture

Rural communities have a historic opportunity to lay the foundation for a broadband infrastructure that can deliver high-quality broadband to everyone for generations to come. Building the right broadband networks now will have a long-reaching impact on your community. As communities build out broadband infrastructure, choosing the right architecture is key to ensuring seamless connectivity. There are three primary broadband architecture types to consider: distributed split, centralized split, and optical tap.

As you make decisions about your community's network, there are a range of fiber network architecture options from which to choose. Leverage the resources below to make the best decision possible.

Centralized Split

A centralized split architecture is where most of the network equipment is in a central hub, which then distributes the signal to different locations. It is known for its simplicity and ease of maintenance.

Click Here to Download

Distributed Split

A distributed split architecture involves spreading out the network equipment across various locations, which helps reduce the physical volume of products in the field. It is known for its flexibility and scalability, making it a popular choice for expanding networks in rural areas.

Click Here to Download

Distributed Tap/Optical Tap

An optical tap architecture uses a unique approach through the use of a single fiber. It is designed to split and distribute the signal at the same time, reducing the amount of fiber required. It is an efficient system that minimizes signal loss leading to better performance.

Click Here to Download

Broadband Network Solution Tool:
**Click here to find Your Ideal Network Architecture**
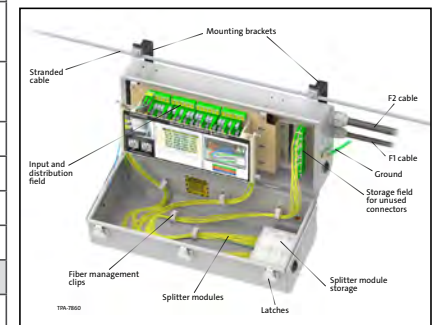
FTTH – Single-Family Units

1	
Central Office/Headend	
ECL-BAY-7-Z4	Eclipse® Frame, 19-in wide, 7-ft high, Zone 4 Rated with top & bottom shelves, EIA Rail spacing & hole pattern
ECL-C4U	Eclipse Connector Housing, 4U, holds 12 Eclipse connector panels, 144F capacity maximum
ECL-C4U-E4D9	Eclipse Connector Housing with adapters, 4U, 144F, SC APC duplex adapters
ECLE46112D9-UF001B	Eclipse Connector Housing with adapters and cable stub, 4U, 144F, 12 x 12-fiber SC APC duplex panels, 61-m FREEDM® indoor/outdoor cable
UMR1CC6CZ6C21132	Gen III Series FTTx 1x32 Splitter Module, SC APC inputs/outputs
ECL-GEN3-U8-MH4U	Eclipse Hardware Gen III 288-Module Housing with one ECL-C4U, one ECL-CP12-D9, two ECL-CP-SCPARK, nine ECL-UMB-MOD
CTX-SA-FRAME-7	Standard Rear Cable Access Frame, 7 ft
CTX-S4U	Centrix™ Housing, 4U, 12 cassette positions, empty
CTXCPP24-6C-2RH000	Centrix Splice Cassette, 24 SC APC adapters and single-mode pigtails, MIC® 900 μm standard single-mode pigtails
CX4U8P24-6C-2RH000	Centrix Splice Housing, 4U, 288F, 12 cassettes each with 24 SC APC adapters and single-mode pigtails, MIC® 900 μm standard single-mode pigtails

2	
Local Convergence Point	
PAG-F4-EEUCSUCP6C-000LXFA	PAC Series, outdoor cabinet, pad mount without toning, 864F, 6-in skirt with 144-fiber feeder, 144-fiber pass-through, ALTOS® Lite armored cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
PAG-E4-EEUCSUCP6C-000LXFA	PAC Series, outdoor cabinet, pad mount without toning, 576F, 6-in skirt with 144-fiber feeder, 144-fiber pass-through, ALTOS Lite armored cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
PAG-D3-DDU4SUCL6C-000LXFA	PAC Series, outdoor cabinet, pole mount without toning, 432F, 6-in skirt with 72-fiber feeder, 72-fiber pass-through, ALTOS Lite armored cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
PAG-C3-CCU4SU4P6C-000LXFA	PAC Series, outdoor cabinet, pad mount without toning, 288F, 6-in skirt with 48-fiber feeder, 48-fiber pass-through, ALTOS dielectric cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
PAG-B3-BBU4SU46C-000LXFA	PAC Series, outdoor cabinet, pad mount without toning, 144F, 6-in skirt with 24-fiber feeder, 24-fiber pass-through, ALTOS dielectric cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
PAG-B3-BAU4SU4P-000LXFA	PAC Series, outdoor cabinet, pad mount without toning, 144F, 6-in skirt with 24-fiber feeder, no pass-through, ALTOS dielectric cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
EC1S31C41C31Q4L00P	Local Convergence Point Enclosure (LCPE), 288F, sealed, SST-Ribbon™ feeder cable, ALTOS ribbon distribution cable, 31-m stubs, LC APC, no splitters, Black
XSB1DDA91A911132	LCPE Series Splitter Module, LC APC, 1x32
WMR4CC6CA6C11132	LS Series Splitter Module, SC APC, 1x32 (compatible with PAC cabinets)
OCC-080-G-CTX	Optical Cross-connect Cabinet for mounting up to ten Centrix™ 4RU housings
TVUPS331U4131Q400	Retrofit Fiber Panel for Copper Cabinet, 432F, 36-fiber pass-through
Strand Mount Local Convergence Point	
SGDS24-S1C41SC400	Strand Mount Local Convergence Point, 144F Distribution, 24F Feeder, Stubbed Ribbon, 31 m
SGDS24-S1C51SC500	Strand Mount Local Convergence Point, 144F Distribution, 24F Feeder, Stubbed Armored Ribbon, 31 m
SGDS24-S1U41SC400	Strand Mount Local Convergence Point, 144F Distribution, 24F Feeder, Stubbed Loose Ribbon, 31 m
SGDS24-S1UC1SUC00	Strand Mount Local Convergence Point, 144F Distribution, 24F Feeder, Stubbed Armored Loose Ribbon, 31 m
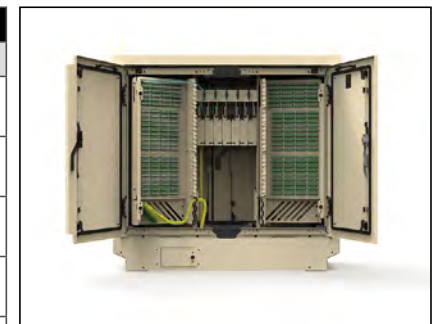
PAC Cabinet Pad Mount

Strand Mount Local Convergence

Note: More part numbers exist for each family. Please contact Corning Customer Care at 800-743-2671 for additional part numbers or visit www.corning.com/opcomm

FTTH – Single-Family Units

Network Access Point	
DMA4F1FDD1NCxxxF0P	Evolv® Terminal, 4-port, SST dielectric cable, xxx feet
DMA8F1TDD1NCxxxF0P	Evolv Terminal, 8-port, SST toneable cable, xxx feet
DMATF1MLD1NCxxxF0P	Evolv Terminal, 12-port, MiniXtend® cable, xxx feet
DFA4F100D1T3000S0P	Evolv Terminal, 4-port, stubless
DFA8F100D1T3000S0P	Evolv Terminal, 8-port, stubless
DFA4F1yDD1T1xxxF0P	Evolv Terminal, 4-port, Multifiber Pushlok connector (female), xxx feet
DFA8F1yDD1T1xxxF0P	Evolv Terminal, 8-port, Multifiber Pushlok connector (female), xxx feet
DSH4F100D1NC000S0P	Evolv Splitter Terminal, unstubbed, 1x4 splitter
DSF8F100D1NC000S0P	Evolv Splitter Terminal, unstubbed, 1x8 splitter
SLFT-530-D-1A-12-EPAC	SLiC® Fiber Aerial Terminal Closure with 12 factory-installed OptiTap® connectors
SLFT-530-D-1A-06-EPAA	SLiC Fiber Aerial Terminal Closure with 6 factory-installed OptiTap connectors
SLFT-547-N-SP-2A-X-0X-00-DSX-NX-X	SLiC Fiber Aerial Terminal Closure with 24 drops and fiber optic splice tray 2527, for armored cable
BLD-CCS000xxxxxx	FlexNAP™ System Build ID: configurable cable system with designated network access points factory installed and preterminated

Evolv Stubless Terminal Family (2- to 12-fibers)

Evolv Terminal with Multifiber Pushlok Female

FTTH – Single-Family Units

4
Optical Network Terminal Drop MFPL assemblies

00D101EB49RXXXF	Evolv® ROC™ Drop Dielectric Assembly, Pushlok® Pigtail, xxx feet
00D101EB19RXXXF	Evolv ROC Drop Toneable Assembly, Pushlok Pigtail, xxx feet
00D101UB4JRXXXF	Evolv Round ROC Drop Dielectric Assembly, Pushlok Pigtail, xxx feet
D1D101EB49RXXXF	Evolv ROC Drop Dielectric Assembly, Pushlok Jumper, xxx feet
D1D101EB19RXXXF	Evolv ROC Drop Toneable Assembly, Pushlok Jumper, xxx feet
D1D101UB4JRXXXF	Evolv Round ROC Drop Dielectric Assembly, Pushlok Jumper, xxx feet
D14401EB4R3XXXF	Evolv ROC Drop Dielectric Assembly, Pushlok to SC APC, xxx feet
D14401EB1R3XXXF	Evolv ROC Drop Toneable Assembly, Pushlok to SC APC, xxx feet
D14401EBPFRXXXF	Evolv ROC Drop Dielectric Assembly, Pushlok to SC APC with Pulling Grip, xxx feet
D14401EBPTRXXXF	Evolv ROC Drop Toneable Assembly, Pushlok to SC APC with Pulling Grip, xxx feet
KT-PL-SHROUD-SC	SC APC Shroud for converting Pushlok drop connectors to an SC form factor
KT-PL-OPT-CON	OptiTap® Housing for converting Pushlok drop connectors to an OptiTap form factor

5
Optical Network Terminal Premise Connection

FTH-602-A0100	Fiber Transition Housing, FTH-602, 1 SC APC adapter, no ground post, hex security screw, 3-m slack storage
NPCP-SCA-48	NPC+ (No Polish Connector), SC APC, 48 piece carton, eight 6-piece subpacks, single-mode (OS2), 250 µm/900 µm
TKT-NPCP-FBC007	NPC+ Cleaver Kit for NPC+ connector
TKT-FIPL	Pushlok Field-Installable Toolkit for ROC cable
FIPL-Z	Pushlok Field-Installable Connector for ROC cable, SC APC, 25-piece pack
80610755896	Corning® Fibrlok® II Universal Optical Fiber Splice for 250 µm and 900 µm fiber
80610581870	Fibrlok II Assembly Tool required for Fibrlok II splice installation
80611323769	Fibrlok II Installation Toolkit including assembly tool and cleaver

SST-Drop™ Dielectric 012 Fiber
Featuring a single buffer tube containing 1 to 24 loose fibers. Parallel strength members make this cable robust and ideal for aerial or direct-buried outdoor installations. View Specification Sheet

ROC Drop Dielectric 001 F
A single-fiber drop cable suitable for aerial, duct, or direct-buried outdoor installations. Available with Corning's innovative FastAccess Technology which makes opening the cable easier and faster. View Specification Sheet

Preconnectorized Drop and Terminal Packaging at a Glance

Product Line	Suffix	Packaging Type	Location	Connector Payoff	Length Default to Reel
Drop Pigtail with Hardened Connector Part Number Prefix: 00D1 Pushlok® Pigtail or D1D1 Pushlok Jumper	Base PN Only	Bulk	Inside Coil	Last	1,501 ft +
	-P	Individual	Inside Coil	Last	651 ft +
	-Z	Bulk (reverse spool*)	Outside Coil	First	1,501 ft +
	-PZ	Individual (reverse spool)	Outside Coil	First	651 ft +
Drop Hybrid Cable Assembly with Hardened Connector Part Number Prefix: D144 Pushlok/SC APC	Base PN Only	Bulk	Outside Coil	First	1,501 ft +
	-P	Individual	Outside Coil	First	651 ft +
	Z version has hardened conn on the inside For assemblies with a grip installed, the grip is always on the outside of the coil.				
SC APC Drop Cable Assemblies Part Number Prefix: 0044 SC APC Pigtail or 4444 SC APC/SC APC	-P	Individual	Inside Coil	Last	1,501 ft +
	SC APC drop assemblies or pigtails default to individual packaging. Bulk packaging for Base PN configurations anticipated in 2022.				

Drops Packaging

Individually packaged PNs not shipped on reels come 1 to a box. Bulk packaging will contain multiple drops per box based on varying quantity, cable type, and length of assembly.

*For reverse-spool packaging, the hardened connector or terminal is located on the outside of the coil and pays off first.

Product Line	Suffix	Packaging Type	Terminal Location	Terminal Payoff	Length Default to Reel
Legacy MultiPorts (MOB) or Evolv® Terminals (DM)	Base PN Only (Legacy) B (Evolv Terminals)	Bulk	Inside Coil	Last	350 ft +
	-P	Individual	Inside Coil	Last	500 ft +
	-Z	Individual (reverse spool)	Outside Coil	First	500 ft +
	No reverse spool bulk packaging option for terminals.				

FTTH
Multidwelling Units

FTTH – Multidwelling Units

Connect to World-Class FTTH Innovation

When it comes to multidwelling units (MDUs), there's no one-size-fits-all answer. You need a customized 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. Choose a supplier that knows your environment and has manufacturing expertise that can help you choose flexible, simplified product sets. We can help.

To learn more, visit us at www.corning.com/mdu

Clearly Faster. Clearly Easier. Clearly Better.

Corning® Clear Track Hallway Fiber Pathways

The Clear Track Hallway Fiber Pathway is the virtually invisible way to deliver ultra-high-speed gigabit broadband to multidwelling units (MDUs). It adapts micro-replication technology for the multifiber needs of MDU hallways to enable fast and easy installation with minimal disruption for tenants. Our Clear Track Fiber Pathways portfolio offers a clear advantage!

Learn more about this virtually invisible way to deliver ultra high-speed gigabit broadband by visiting **www.corning.com/cleartrack.**
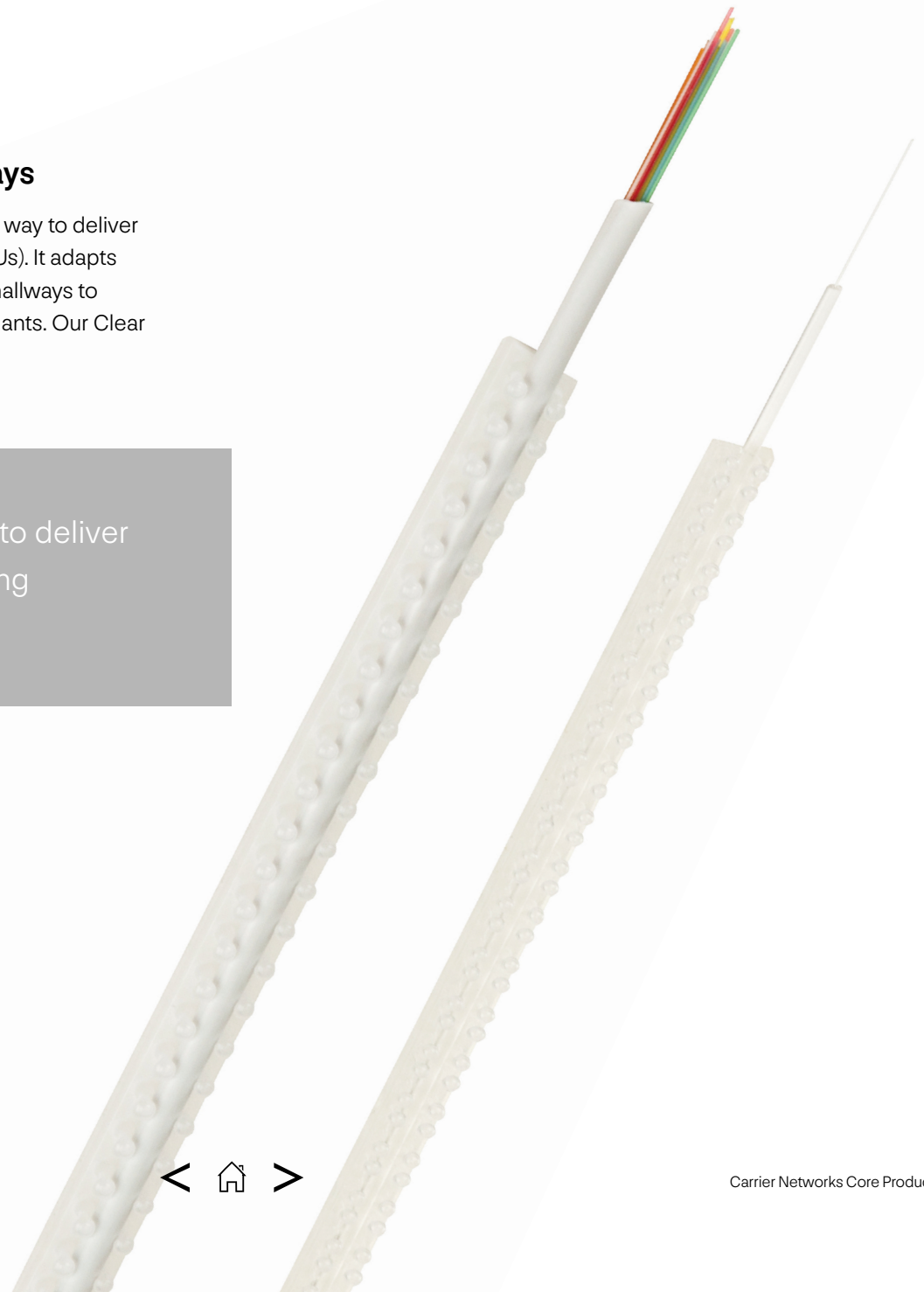
FTTH – Multidwelling Units – Network Architecture

Whether you're connecting subscribers through the inside or outside surface of an MDU, we have a solution for the trickiest pathways and access parameters. Below you'll see a sampling of the MDU layouts we have experienced and a few examples of how we've supported them over the past 10-plus years.

1 MDU Entrance
- OSP LCP
- Distribution
- Building Entrance

2 Riser Access
- RPDpass® Riser
- FlexNAP™ System

3 Floor Access
- Low-Profile Terminal
- Fiber Distribution Terminal
- MDU Terminal
- RPDpass Riser Distribution Terminal

4 Horizontal Access
- Cable/Pathway
- Point of Entry (POE)

5 In-Living Unit (ILU)
- Drops
- Outlets

FTTH – Multidwelling Units

1

Outdoor Local Convergence Point	
PAG-B3-BBU4SU46C-000XFA	PAC Series, outdoor cabinet, pad mount without toning, 144F, 6-in skirt with 24-fiber feeder, 24-fiber pass-through, ALTOS® dielectric cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
PAG-B3-BAU4SU4P-000XFA	PAC Series, outdoor cabinet, pad mount without toning, 144F, 6-in skirt with 24-fiber feeder, no pass-through, ALTOS dielectric cable feeder and distribution cable, 31-m stubs, SC APC, no splitters, almond colored
UMB1CC6CZ6C21132	Gen III Splitter Module, 1x32
WMC4CC6CA6C11132	LS Splitter Module, 1x32
Distribution	
For more information about our Outside Plant and Indoor/Outdoor Cables, please refer to the Optical Cable section.	
Building Entrance	
JMXPS1000BB000BB00	CE Series Indoor Cabinet, 72F, wall mountable, pigtails and splice chamber for spliced-in feeder and distribution
JCWPS2000BB0007700	CE Series Indoor Cabinet, 288F, wall mountable, pigtails for spliced-in feeder, MTP®-enabled distribution
JFWPS2000BB0007700	CE Series Indoor Cabinet, 864F, wall mountable, pigtails for spliced-in feeder, MTP-enabled distribution
DDWPS2100AA108C700	LS Series Indoor Cabinet, 144F, wall mountable, 24F feeder and 12F pass-through pigtails, 144F ribbon riser distribution, 8 m
DAWPS4300AA108Q700	LS Series Indoor Cabinet, 432F, wall mountable, 48F feeder and 36F pass-through pigtails, 432F ribbon riser distribution, 8 m
BDWP131CF1C08C7S00	Gen III Series Indoor Cabinet, 144F, wall mountable, 12F I/O ribbon riser feeder 31 m, 144F ribbon riser distribution, 8 m
MDU0431326C-UF00A1	MDU Splitter Terminal, 1x32 SC APC, FREEDM® loose tube input 31 m, pigtails for spliced-in drops
MDU1231126C-C4CG2P	MDU Terminal, 12 ports SC APC, OSP ribbon input 31 m, pigtails for spliced-in drops
MDU0000126C-00M22Q	MDU Terminal, 12 ports SC APC, OptiTip® pinned input, direct-connect drops
MDU0000126C-AACG2P	MDU Terminal, 12 ports SC APC, internal pigtails for spliced-in input and spliced-in drops
MDU2431246C-C4CG2P	MDU Terminal, 24 ports SC APC, OSP ribbon input 31 m, pigtails for spliced-in drops
MDU0000246C-AACG2P	MDU Terminal, 24 ports SC APC, pigtails for spliced-in input and spliced-in drops
MDU4831486C-C4CG2P	MDU Terminal, 48 ports SC APC, OSP ribbon input 31 m, pigtails for spliced-in drops
LPT1231126C-B4M12Q	Low-Profile Terminal, 12 ports SC APC, SST-Drop™ with OptiTip input 100 ft, direct-connect drops
LPT-PLAS-SKRT-BRKT-FR	Indoor/outdoor plastic skirt and mounting bracket kit
MDU-PLAS-SKRT-BRKT-FR	Indoor/outdoor plastic skirt and mounting bracket kit

2

Riser Access	
RRB131312UPNM6SxxxF	RPDpass® Riser, basement (pull up), 12F MTP® at basement, 2 x 6F MTP connectors at terminal, xxx ft
BLD-P8896EV4200FP	FlexNAP™ System, facade cable, 96F, eight 8-fiber taps, 200-ft tail

Note: For bulk cable options, please visit the optical cable section or www.corning.com.

FTTH – Multidwelling Units

3	
Floor Access	
LPT1231126C-SF002Q	Low-Profile Terminal, 12 ports SC APC, LST™ I/O input 100 ft, direct-connect drops
MDU1231126C-CFCG2Q	MDU Terminal, 12 ports SC APC, I/O ribbon input stub 31 m, direct-connect drops
LPT0000126C-0090MQ	Low-Profile Terminal, 12 ports SC APC, MTP® input, direct-connect drops
MDU0000366C-0090MQ	MDU Terminal, 36 ports SC APC, MTP input, direct-connect drops
RTW-0MP-01	RPDpass® Riser Distribution Terminal Housing, wall-mountable box
RT-CM12-6C-1QC	RPDpass Riser Distribution Module, 12 SC APC adapters and one shuttered MTP connector

4	
Horizontal Cable/Pathway	
004401UR4BGxxxF	Corning® ClearCurve® Drop Assembly, pigtail to SC APC, 1F, 4.8-mm rugged riser, neutral jacket, xxx ft
444401UR4BGxxxF	ClearCurve Drop Assembly, SC APC to SC APC, 4.8-mm rugged riser, neutral jacket, xxx ft
004401UR1BGxxxF	ClearCurve Drop Assembly, pigtail to SC APC, 1F, 2.9-mm compact riser neutral jacket, xxx ft
444401UR1BGxxxF	ClearCurve Drop Assembly, SC APC to SC APC, 1F, 2.9-mm compact riser, neutral jacket, xxx ft
RHN770006U6RBSxxxF	RPDpass Drop Assembly, pinned MTP connectors, 6F, plenum, blue through white fibers, xxx ft
RHN770012U6RCSxxxF	RPDpass Drop Assembly, pinned MTP connectors, 12F, plenum, blue through aqua fibers, xxx ft
001U2F-D0192-B2	ClearCurve 4.8 mm Rugged Drop, 1F, I/O neutral jacket, 1,000 ft, reel in a box
001U2F-D0668-B3	ClearCurve 2.9 mm Compact Drop, 1F, I/O neutral jacket, 1,500 ft, reel in a box
80611498066	Clear Fiber Drop Cable, 1F, I/O black jacket, 2,500 ft, unterminated
80611487937	Clear Fiber Drop Assembly, pigtail to SC APC, 1F, I/O black jacket, 100 ft
80611623671	Clear Drop Push Tube (Clear)
80611635063	Corning® Clear Track Hallway Fiber Access Toolkit
80611622780	Clear Track Hallway Fiber Pathway, 125 ft
80611623051	Clear Track Hallway Micro-Module, 12F, white jacket, 750 ft, unterminated
80611622798	Clear Track Hallway, Micro-Module, Pigtail to SC APC, 12F, 150 ft
CLR-HALLM-150-12F-MTPM-0W	Clear Track 12-Fiber Micro-Module, white, MTP (Pinned) APC Pigtail, pulling grip on one side (Accessory Kit 2), 300 ft
80611623077	Clear Track Hallway Fiber Pathway Cover, 305 pcs, 1-m length, 1,000 ft
ILU-SM-POE-WC-AT	Clear Track Fiber Point-of-Entry Sliding Wall Cover with adhesive tape pre-installed
80611623085	Clear Track Hallway/Quad Fiber Installation Tool
CLR-BELT-CLIP-32	Belt Clip Spool Holder
CLR-HALL-TOOL-UNIV	Universal Clear Hallway Track Installation Tool
Point of Entry	
80611622822	Clear Track Hallway Small Point-of-Entry (POE) Box
80611498074	Clear Track Micro POE Wall Cover

FTTH – Multidwelling Units

5	
In-Living Unit (ILU) Drop	
001U21-A9374-B2	Corning® ClearCurve® 4.8-mm Rugged Drop, 1F, riser neutral jacket, 1,000 ft, reel in a box
001U21-A9375-B2	ClearCurve 2.9-mm Compact Drop, 1F riser neutral jacket, 1,000 ft, reel in a box
004401UR1BGxxxF	ClearCurve Drop Assembly, pigtail to SC APC, 1F, 2.9-mm compact riser, neutral jacket, xxx ft
444401UR1BGxxxF	ClearCurve Drop Assembly, SC APC to SC APC, 1F, 2.9-mm compact riser, neutral jacket, xxx ft
80611621311	Corning® Clear Track Fiber Pathway, 205 ft (ILU)
80611486459	Clear Track ILU/Quad Installation Tool
CLR-ILU-TOOL-UNIV	Universal Clear ILU Track Installation Tool
80611487796	Clear Track Fiber Pathway Cover
80611622038	Clear Track 900 µm Clear Fiber, 600 ft; packaged in a box of 8 spools (ILU)
Outlets	
80611382138	Surface-Mount Wall Outlet supports two adapters, ships with one SC APC adapter
WLL-PL-AA	Wall-Plate Outlet, single gang, white, one port
WLL-PL-AB	Wall-Plate Outlet, single gang, white, two ports
80611488745	Low-profile Wall Plate with SC APC shuttered adapter
CLR-WPT-01-SCASH-CS	Low-profile wall plate with shuttered SC/APC adapter, screws/inserts and Command™ adhesive strip
80611488687	Shuttered SC APC Patch Cord, 1 m

6	
Field-Installable Connector	
TKT-OPTISNAP-CF	OptiSnap™ Field-Installable Connector Toolkit, with flat cleaver
OSNP-SCA-900-Z	OptiSnap® Connector, SC APC, 25-piece organizer pack, single-mode (OS2), 900 µm
OSNP-SCU-900-Z	OptiSnap Connector, SC UPC, 25-piece organizer pack, single-mode (OS2), 900 µm
NPCP-SCU-48	NPC+ (No Polish Connector), SC UPC, 48 piece carton, single-mode (OS2), 250 µm/900 µm (no installation tool required)
NPCP-SCA-48	NPC+ (No Polish Connector), SC APC, 48 piece carton, eight 6-piece subpacks, single-mode (OS2), 250 µm/900 µm
TKT-NPCP-FBC007	Fiber Termination Toolkit, flat cleaver FBC-007 and accessories in carrying case
TKT-FIOT-ROC-CF	Field-Installable OptiTap™ Toolkit for ROC™ cable (Also available in an SST version)
TKT-FIPL	Pushlock Field-Installable Toolkit for ROC cable
OSNP-FIOT-ROC-Z	Field-Installable OptiSnap Connector for ROC cable, SC APC, 25-piece pack (Also available in an SST version)
FIPL-Z	Pushlock Field-Installable Connector for ROC cable, SC APC, 25-piece pack
80610755896	Corning® Fibrlok® II Universal Optical Fiber Splice for 250 µm and 900 µm fiber (assembly tool and toolkit needed for install)
80610581870	Fibrlok Assembly Tool

Translucent design is easily attached to a variety of wall surfaces and is available with an array of preconnectorization options.

Low-Profile Wall Plate

Reel in a Box

OptiSnap Field-Installable Connector Toolkit

No Polish Connector + (NPC+)
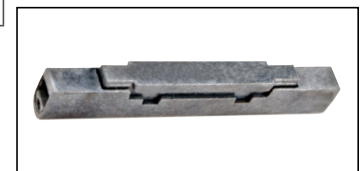
Fibrlok® II Optical Fiber Splice 2529

Wireless Convergence

Wireless Convergence

Wireless networks are becoming more like traditional FTTH networks where radios and small cells are reaching deep into neighborhoods and towns. Overlaying these services onto a traditional FTTH network requires planning and a few additions to your normal product lineup. See below pages for some typical equipment deployment scenarios or rely on our team of experts to help find the best fit solution for your convergence needs.

Optical connectivity: the backbone of 5G

Small Cell Product Solutions

While radio head manufacturers require differing hardened connector types, most of the components used are similar. LC connectors and xWDM devices are critical to the success of any converged wireless network. You can set up assemblies to match the specific requirements of any deployment environment and radio head maker's instructions to provide either fiber only or combined (fiber and power) connectivity. xWDM devices are becoming more critical to combine wireless and wireline traffic via coexistence modules. Additionally, DWDM is being deployed to optimize fiber utilization in some small cell systems. There are numerous options depending on your deployment needs, and only a small fraction of the options are displayed in the following pages.

For more information on our small cell product offerings, visit **www.corning.com/fttp.**

Macro Towers

Macro sites have evolved to accommodate the landscape over which they serve. Stand-alone towers, monopoles, rooftop and even water tower installations have supported cellular and microwave backhaul applications as they have progressed through LTE and are now involved in 5G deployments.
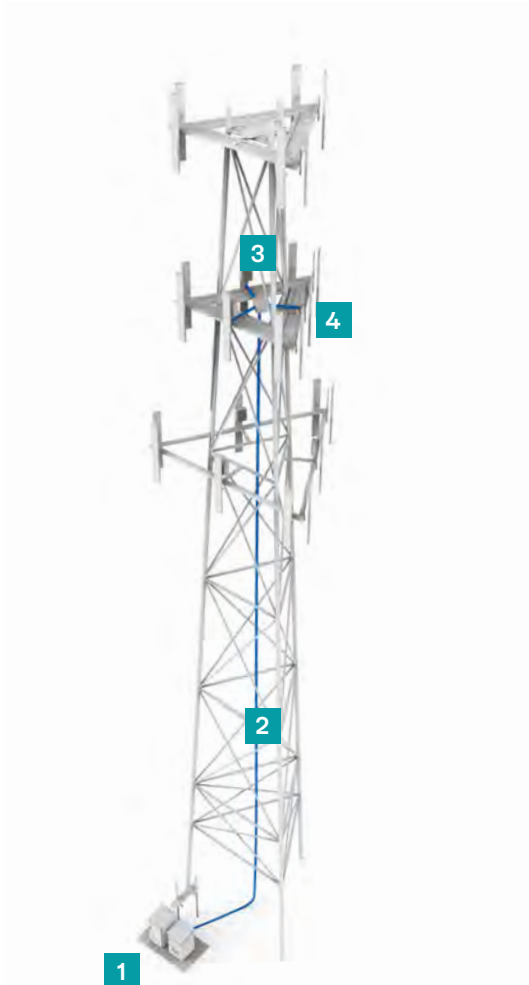
Small Cells

Small cells have increased as wireless demands grow beyond the reach of the macros. The smaller form factors and shorter reach necessitates they be closer to users – nestled in and amongst street furniture, on buildings or hidden away in lamp posts.
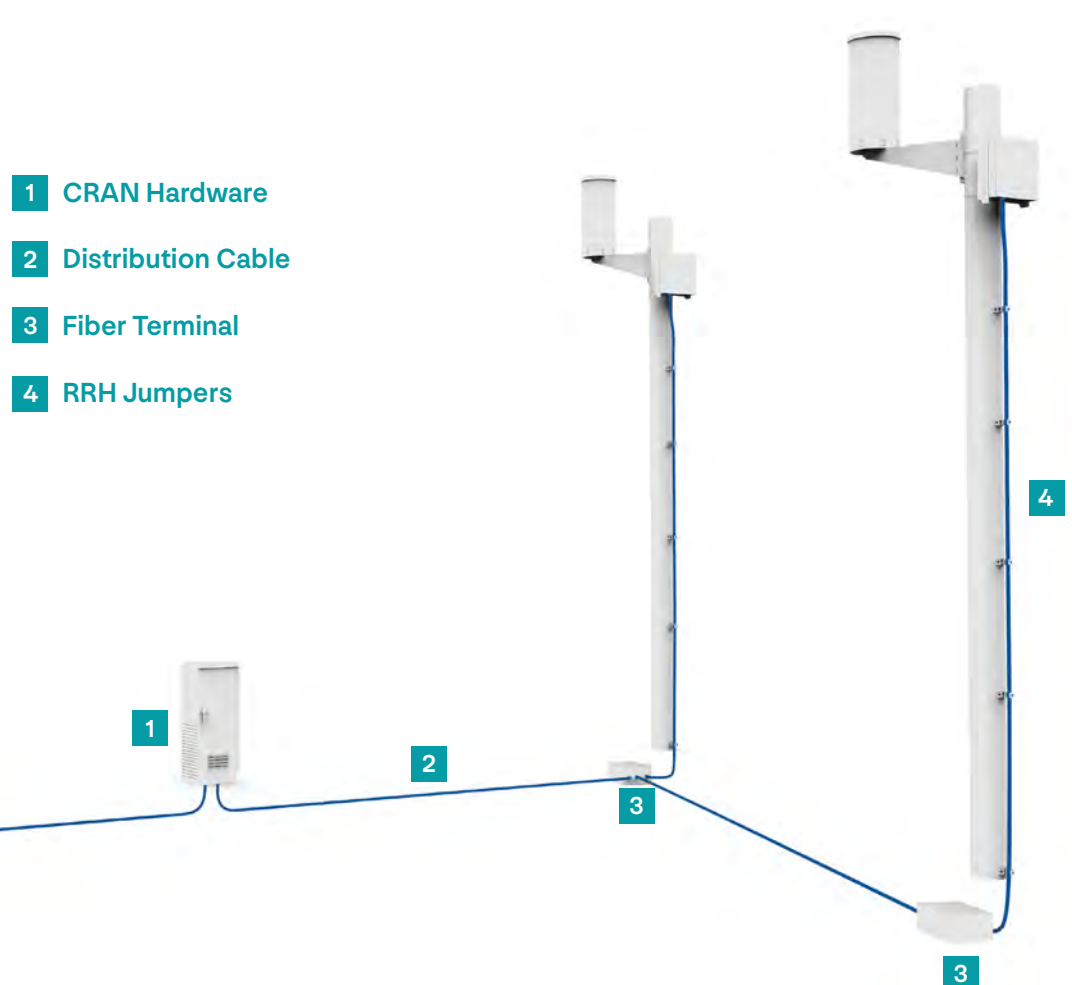
1	CRAN Hardware
2	Distribution Cable
3	Fiber Terminal
4	RRH Jumpers

Wireless Convergence

1	
Single-Fiber Connector Solutions	
DMA4F1FDD1NCxxxF0P	Evolv® Terminal with Pushlok® Technology, 4 port, stubbed, SST dielectric, xxx ft
DMA8F1TDD1NCxxxF0P	Evolv Terminal with Pushlok Technology, 8 port, stubbed, SST toneable, xxx ft
DMATF1MLD1NCxxxF0P	Evolv Terminal with Pushlok Technology, 12 port, Stubbed MiniXtend®, xxx ft
D10201JB49RxxxF	ROC™ Drop, Pushlok to LC Simplex, xxx feet, 1F
D10402JB4FDxxxF	SST-Drop™, Dual Pushlok to LC Duplex, xxx feet, 2F
D17802JB4FDxxxF	SST-Drop, Dual Pushlok to LC Uniboot, xxx feet, 2F

2	
Multifiber Connector Solutions	
DFA4F100D1T3000S0P	Evolv Stubless Terminal with Multifiber Pushlok, 4F, Stubless
DFA8F100D1T3000S0P	Evolv Stubless Terminal with Multifiber Pushlok, 8F, Stubless
DFA4F1FDD1T1xxxF0P	Evolv Terminal with Pushlok Technology, 4 port, preconnectorized Multifiber Pushlok stub, SST dielectric, xxx ft
DFA4F1TDD1T1xxxF0P	Evolv Terminal with Pushlok Technology, 4 port, preconnectorized Multifiber Pushlok stub, SST toneable, xxx ft
DFA8F1FDD1T1xxxF0P	Evolv Terminal with Pushlok Technology, 8 port, preconnectorized Multifiber Pushlok stub (female), SST dielectric, xxx ft
DFA8F1TDD1T1xxxF0P	Evolv Terminal with Pushlok Technology, 8 port, preconnectorized Multifiber Pushlok stub (female), SST toneable, xxx ft
T10202EBZD1XxxxF-P	Multifiber Pushlok (female) to LC duplex drop cable assembly, 2-fiber, I/O FREEDM® cable, xxx ft

Duplex Pushlok to LC Duplex

The Corning small cell drop assemblies are rugged, self-supported, and crush-resistant.

The dual Pushlok to LC duplex assemblies, compatible with our Evolv terminals, allow for a 2-fiber connection from the terminal to the radio, removing the requirement for additional hardware. Two options with differing furcation lengths on the LC Duplex end allow for compatibility with either Ericsson 2203 and 2205 radios or Ericsson RRUS radios, as well as hardware utilizing OCTIS and JonHon field-installable connectors with a uniboot design.

Programs and Resources

Programs and Resources

You know your network – and the importance of its reliability – better than anyone. That's why we offer tailored support and resources to help you get the job done right the first time, every time. From design to deployment (and everything in between), you can count on Corning to expand your expertise and cost-effectively transform your network. For more information, check out our programs page at **www.corning.com/loyalty-programs**.
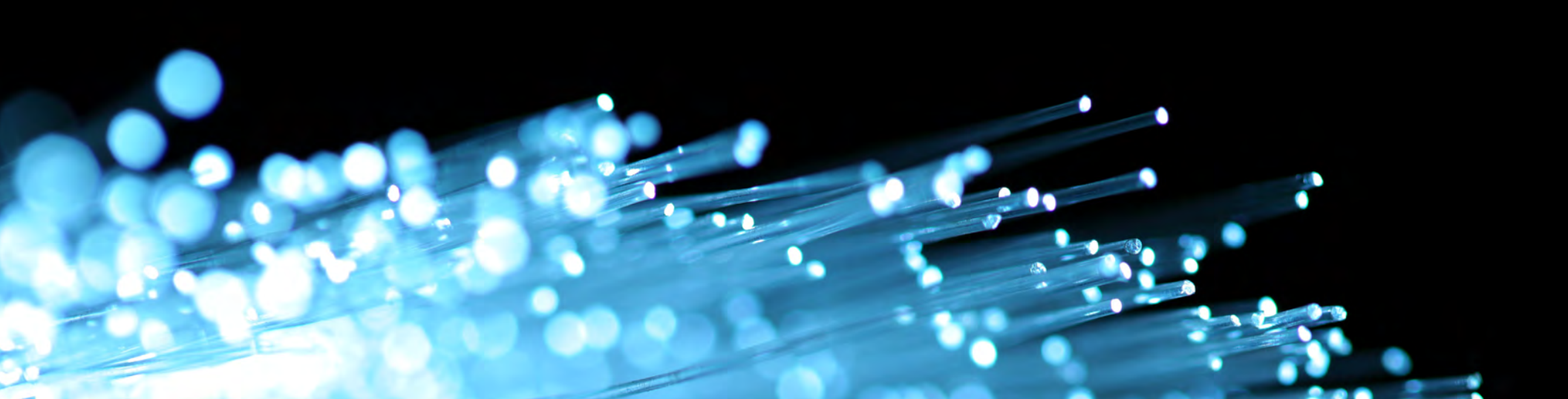
See the Light® Fiber Optic Training

So you can be successful in this time of rapid network transformation, we offer an array of training opportunities on the latest applications and products. For the most up-to-date industry knowledge – whether training in-person or at your desk – we have you covered. Visit **www.corning.com/opcomm/training**.

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