



CORNING

# Core Products

Caribbean and Latin American Carrier Networks

# Continual Innovation

<p><b>1970</b></p>  <p>Invented the first low-loss optical fiber for communication networks</p>	<p><b>1988</b></p>  <p>Fibrlok® splice developed to offer high-level optical performance without high expense of fusion splicing</p>	<p><b>1998</b></p>  <p>Fiber closure BPEO: First introduction for series 1, series 2, and series 3, creating mechanical and tool-free external cable preparation</p>	<p><b>2004</b></p>  <p>Preterminated OptiTap® connector-enabled products became an industry standard and spurred OptiTip® connector and FlexNAP™ system development facilitating mass FTTH deployments</p>	<p><b>2006</b></p>  <p>No-polish connector – Combines FA and FAS connector splice technology with SC interface and bend-insensitive fiber</p>	<p><b>2012</b></p>  <p>Crimplok™+ connector – First-known, commercially available, field-mounted connector for FTTx indoor and outdoor use with no splice, gel, or adhesives</p>	<p><b>2014</b></p>  <p>7 million homes passed with OptiTip® connectors</p>	<p><b>2016</b></p>  <p>Clear Track fiber pathway answers demand for small-footprint, virtually invisible fiber deployment option</p>	<p><b>2018</b></p>  <p>Acquired substantially all of 3M's high-bandwidth products, expanding the optical solutions for our customers and improving access to broadband connectivity</p>
<p><b>1944</b></p>  <p>Corning established its first presence in Brazil in 1944 to meet the demands of Latin America by initially focusing on specialty glass market</p>	<p><b>1978</b></p>  <p>Developed loose tube fiber optic cable design</p>	<p><b>1990</b></p>  <p>Fiber optic splice closure 2178 created for buried, below-grade, aerial, and pole-mounted deployments</p>	<p><b>2000</b></p>  <p>Corning was one of three companies to set up the FTTH (Fiber Broadband Association)</p>	<p><b>2005</b></p>  <p>SLiC® aerial closure released as free-breathing, weather-resistant, single-piece closure for aerial applications</p>	<p><b>2007</b></p>  <p>ClearCurve® fiber revolutionized fiber installation in the most challenging environments</p>	<p><b>2013</b></p>  <ul style="list-style-type: none"> <li>Centrix™ system was developed to support high-density solutions for central office applications</li> <li>Acquired Barga, allowing local development and manufacturing of adequate solutions for the Latin American market</li> </ul>	<p><b>2015</b></p>  <p>Launched MiniXtend® cable with FastAccess® technology with industry-leading fiber density</p>	<p><b>2017</b></p>  <p>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.</p>



# Contents

# WHY TRUST YOUR NETWORK TO CORNING?

Corning is a diversified technology company with a proud history of developing breakthrough technologies that significantly improve people's lives. We've been changing the world through innovation for more than 165 years, and our fiber optic products have been used in the communications networks of the biggest and most profitable companies in the world. There is no one more qualified to connect your network.

**Evolve your network, transform the world.**

Central Office/Headend Solutions.....	6
Optical Cables and Closures.....	20
Legacy Copper.....	26
Hybrid Fiber Coax.....	30
FTTH – Single-Family Units.....	34
FTTH – Multidwelling Units.....	40
Programs and Resources.....	46



# Connecting Better Together

Whether you are maintaining your infrastructure to stay ahead of bandwidth demand or building your network from the ground up, you have scores of decisions to make – and every one of them can impact your bottom line. Before exploring specific connectivity products, connect with us for value that extends well beyond our product portfolio.

## FTTH Market Assessment

This free assessment functions as a preliminary feasibility study – it explores high-level design assumptions and explanations for your network, including budgetary cost estimates for passive components, actives, and construction, as well as network operation and maintenance.

## 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.

## 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.**

Email us at [calaeng@corning.com](mailto:calaeng@corning.com)



# Central Office/Headend Solutions

## Connect to Network Transformation

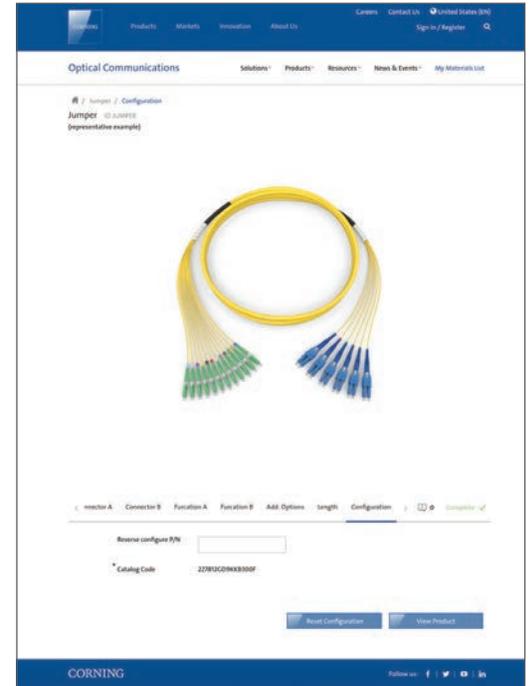
The core of every network is the central office or headend (CO/HE). It's the foundation needed to support the demand for new connectivity, capacity, and speed. Faced with the significant challenges of meeting increased bandwidth demands and providing enhanced services, network operators are re-evaluating 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.

# 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 [corning.com/configurators/CAB](http://corning.com/configurators/CAB) to try it.

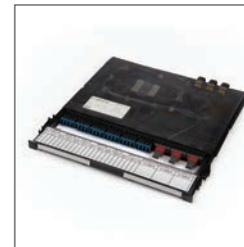


## Maximize Your Fiber.

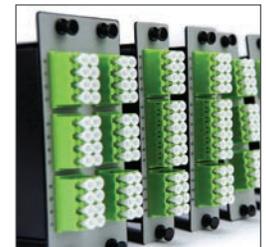
Learn more about how to integrate WDM, CPRI tap modules, and coexistence modules into your network at [corning.com/ISP](http://corning.com/ISP).



NGPON2 Coexistence Module



Centrix™ CPRI Tap Module



xWDM LGX Compatible Modules

# Connect to high-density fiber management



## The Centrix™ System Extensions

Centrix system is our next-generation switch center solution that combines extreme flexibility and simplicity with the ultimate in density. With superior jumper management and an innovative fiber routing system, the Centrix system is a cross-functional system that meets the requirements of multiple application spaces including central offices, headends, and centralized-radio access network (C-RAN) sites. We've recently expanded the Centrix system portfolio to include several new products, which enhance its flexibility and ease of use.

The new Centrix system enclosed 4U housing allows users to place Centrix cassettes in 19- and 23-in racks or frames. Intuitive port mapping, finger access, and improved cable-entry management make the housing easy to use, while the enclosed design provides added protection and security. The staggered cassette, common public radio interface (CPRI) tap module, and MTP®-enabled module are three additional extensions that enable maximum accessibility, testing, and monitoring without disrupting live traffic, and the use of trunks or harnesses, respectively.

## Versatility. Ease of use.

Learn more about the flexibility of Centrix system at [corning.com/core/centrix](http://corning.com/core/centrix).



Centrix MTP Module



Centrix CPRI Tap Module



Centrix Staggered Cassette

## 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\*

- 2178 Splice Closure
- SLiC® Splice Closure
- CEFO Optical Splice Closure
- UCAO Splice Closure
- BPEO Terminal Splice Closure

### 1B Indoor/Outdoor Cable\*

- FREEDM® Loose Tube Riser Cable
- Drop Cables
- FREEDM Tight-buffered Cable

### 2A Indoor Transition Splice

- OSE Splice Enclosure

### 2B Indoor Cable\*

- MIC® Riser Cable
- MIC Plenum Cable

### 3A Medium-Density Fiber Distribution

- Closet Connector Housing (CCH) Hardware
- Eclipse® Hardware

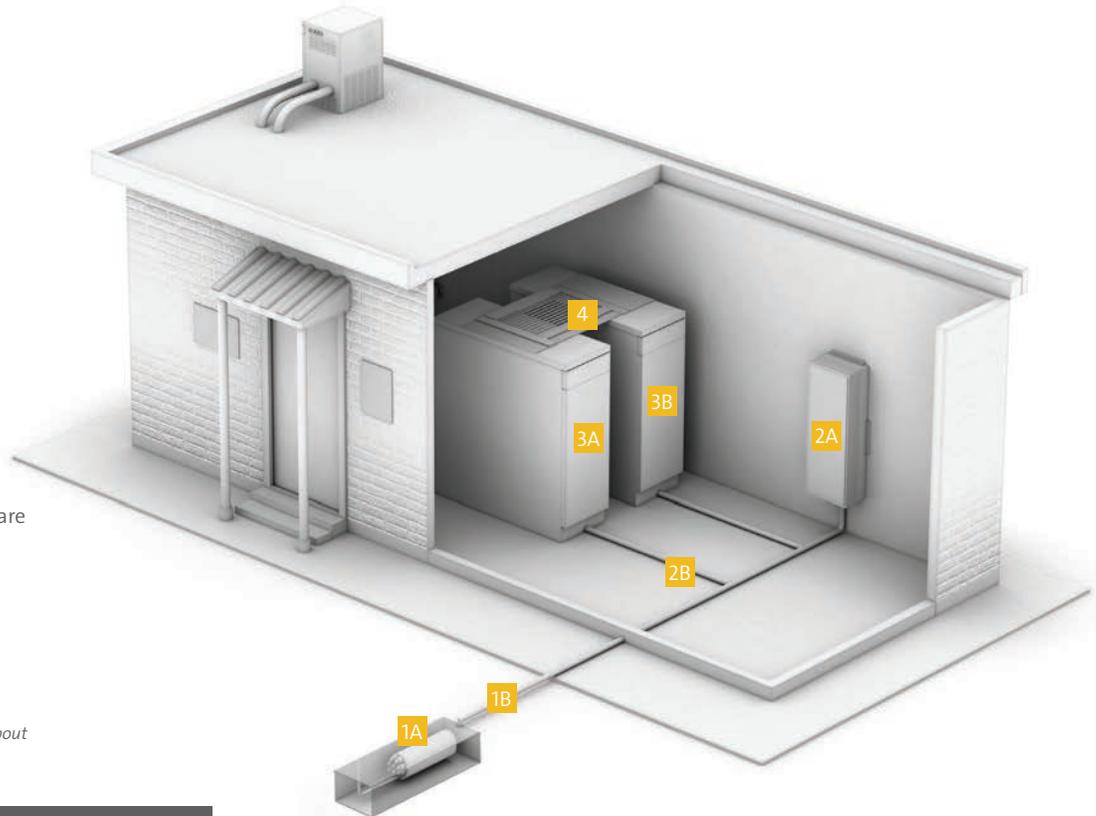
### 3B High-Density Fiber Distribution

- Centrix™ System

### 4 Cable Assembly

- Jumpers (Centrix and Eclipse)

*\*Please see the respective sections for more information about these products.*



For more information about fiber distribution solutions, visit [corning.com/core/isp](https://www.corning.com/core/isp)

# Central Office/Headend Solutions

## 1A - Outdoor Transition Splice

For more information about Outdoor Transition Splice, please refer to page 24 in the Cables and Closures section.

## 1B - Indoor/Outdoor Cable

For more information about our Indoor/Outdoor Cable, please refer to page 22 in the Optical Cable section.

## 2A - Indoor Transition Splice

### Optical Splice Enclosure (OSE)

OSE-LD0-W0-11-L	Up to 1,296 single-fiber splice or 1,728 ribbon splice, space for 12 OSE splice trays, lockable
OSE-HD0-W0-11	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-6	48 F, single-fiber heat-shrink fusion
OSE-ST-9	108 F, single-fiber heat-shrink fusion

### OSE Cable Entry Kits

OSE-CBL-34	Cable Diameter Range 0.375 to 0.5 in
OSE-CBL-36	Cable Diameter Range 0.875 to 1.0 in
OSE-CBL-41	Cable Diameter Range 1.380 to 1.5 in

## 2B - Indoor Cable

For more information about our Indoor Cable, please refer to page 22 in the Optical Cable section.

# Central Office/Headend Solutions

## Medium-Density Fiber Distribution Components

Eclipse® System

TX/RX	Jumpers	Splitters/Modules	Housings	Splice/Stubbed Housings	OSE
					

### 3A - Medium-Density Fiber Distribution

Closet Connector Housing (CCH) Hardware	
CCH-01U	Closet Connector Housing (CCH), one rack unit, accepts up to two CCH panels, cassettes, or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
CCH-02U	CCH, two rack units, accepts up to four CCH panels, cassettes, or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
CCH-03U	CCH, three rack units, accepts up to six CCH panels, cassettes, or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
CCH-04U	CCH, four rack units, accepts up to 12 CCH panels, cassettes, or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
Strain-Relief for CCH	
CCH1-STRN-INT	Internal Strain-Relief Bracket for the CCH-01U, CCH-02U, and CCH-03U
CCH1-STRN-EXT	External Strain-Relief Bracket for the CCH-01U, CCH-02U, and CCH-03U
CCH4-STRN-INT	Internal Strain-Relief Bracket for the CCH-04U
CCH4-STRN-EXT	External Strain-Relief Bracket for the CCH-04U
Panel and Pigtail Cassettes for CCH	
CCH-CS12-6C-P00RE	CCH Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 12 F, SC simplex, SM APC, single-fiber splicing
CCH-CP12-6C	CCH Panel, 12 F, SC simplex, single-mode (OS2), angled-polished connector
CCH-CP12-6C-P03RH	CCH Panel, pigtailed, SC simplex, 12 F, for angled-polished connectors, single-mode (OS2), MIC® cable subunit
CCH-CS12-3C-P00RE	CCH Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 12 F, SC simplex, SM UPC, single-fiber splicing
CCH-CP12-59	CCH Panel, 12 F, SC duplex, single-mode (OS2)
CCH-CP12-3C-P03RH	CCH Panel, pigtailed, SC simplex, 12 F, single-mode (OS2), MIC cable subunit
CCH-CS24-B3-P00RE	CCH Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 24 F, LC duplex, SM APC, single-fiber splicing
CCH-CS24-A9-P00RE	CCH Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 24 F, LC duplex, SM UPC, single-fiber splicing
CCH-CP24-B3	CCH Panel, 24 F, LC duplex, single-mode (OS2), angled-polished connector
CCH-CP24-A9	CCH Panel, 24 F, LC duplex, single-mode (OS2)
CCH-CP24-B3-P03RH	CCH Panel, pigtailed, LC duplex, 24 F, for angled-polished connectors, single-mode, (OS2), MIC cable subunit
CCH-CP24-A9-P03RH	CCH Panel, pigtailed, LC duplex, 24 F, single-mode (OS2), MIC cable subunit

## Central Office/Headend Solutions

3A - Medium-Density Fiber Distribution (continued)	
<b>Eclipse® Frames and Housings</b>	
ECL-BAY-7	Eclipse® Frame, 7-ft with top and bottom shelves, 19-in wide
UDF-BAY-19E-07-075	Unequal Flange, 19-in frame, 7-ft high
ECL-C4U	Four Rack Units, holds 12 Eclipse connector panels, up to 144 F
ECL-D4U	Four Rack Units, extended-depth connect-and-splice housing
ECL-C2U	Two Rack Units, holds four Eclipse connector panels, 48 F
ECL-C1U	One Rack Unit, holds two Eclipse connector panels, 24 F
ECL-S4U	Splice Housing with capacity for (12) 0.2-in tall splice trays
ECL-S4U-F	Splice Housing with capacity for (6) 0.4-in tall splice trays
<b>Eclipse Pigtailed Splice Housings</b>	
EC4E4P12-D9-3RN6RO	Eclipse Four-Rack Units, 144 F housing, 12 connectors per panel, SC APC, 900 μm 3-m tails, six SCF-ST-077 splice trays (OS2)
EC4E4P12-B3-3RN6RO	Eclipse Four-Rack Unit, 144 F housing, 12 connectors per panel, LC APC, 900 μm 3-m tails, six SCF-ST-077 splice trays (OS2)
EC224P06-6C-3RN2RO	Eclipse Two-Rack Unit, 24 F housing, six connectors per panel, SC APC, 900 μm 3-m tails, two SCF-ST-077 splice trays (OS2)
EC248P08-A9-3RN2RO	Eclipse Two-Rack Unit, 48 F housing, 12 connectors per panel, LC UPC, 900 μm 3-m tails, two SCF-ST-077 splice trays (OS2)
<b>Eclipse Stubbed Housings</b>	
ECL41612D9-U4001B	Eclipse Four-Rack Units, 144 F housing, 12 connectors per panel, SC APC, 16 m stub, ALTOS® loose tube, gel free (OS2)
ECL41612B3-UF001B	Eclipse Four-Rack Unit, 144 F housing, 12 connectors per panel, LC APC, 16 m stub, FREEDM® loose tube riser, gel-free cable (OS2)
EC248161259-UF001B	Eclipse Two-Rack Unit, 24 F housing, 12 connectors per panel, SC UPC, 16 m stub, FREEDM loose tube riser, gel-free cable (OS2)
EC248161259-UF001B	Eclipse Two-Rack Unit, 48 F housing, 12 connectors per panel, SC UPC, 16 m stub, FREEDM loose tube riser, gel-free cable (OS2)
EC1241612D9-UF001B	Eclipse One-Rack Unit, 24 F housing, 12 connectors per panel, SC APC, 16 m stub, FREEDM loose tube riser, gel-free cable (OS2)
EC1241612B3-UF001B	Eclipse One-Rack Unit, 16 F housing, 12 connectors per panel, LC APC, 16 m stub, FREEDM loose tube riser, gel-free cable (OS2)
<b>Eclipse Connector Panels</b>	
ECL-CP125	Eclipse, 12 connectors per panel, SC UPC (OS2)
ECL-CP12A9	Eclipse, 12 connectors per panel, LC UPC (OS2)
ECL-CP12D9	Eclipse, 12 connectors per panel, SC APC (OS2)
ECL-CP12B3	Eclipse, 12 connectors per panel, LC APC (OS2)
ECL-CP0859	Eclipse, eight connectors per panel, SC UPC (OS2)
ECL-CL08D9	Eclipse, eight connectors per panel, SC APC (OS2)
ECL-CP063C	Eclipse, six connectors per panel, SC UPC (OS2)
ECL-CP066C	Eclipse, six connectors per panel, SC APC (OS2)
<b>Eclipse Connector Housings</b>	
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 Connector Housing, 4RU, 72-port SC APC

## Central Office/Headend Solutions

### 3A - Medium-Density Fiber Distribution (continued)

Eclipse Splitters and WDM	
UMB1CC6CZ6C21132	GEN III Splitter, 1x32, SC APC input/output
UMB1CC5CZ5C22116	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 12 F SC APC duplex connector panel, single-mode (OS2)
EH51AA3C03C02132	2U Shelf, SC UPC to SC UPC, input/output, two 1x32 devices
ES51AA6C06C01132	1U Shelf, SC APC to SC APC, input/output, one 1x32 device
EM51AAD90D901014	Single-Wide Module, SC APC to SC APC, input/output, one 1x4 device
Eclipse® CWDM	
CAX6C04BEYZUN	Eclipse® Module, 4-channel CWDM, 1470-1530, +1310, SC APC
ECS-086C-Y	Eclipse Shelf, CWDM, 1U eight CWDM devices, wavelength range 1310-1550 nm, SC APC
CAX6C04FJ-ZZUN	Eclipse Module, CWDM, 1550-1610, SC APC
Eclipse Accessories	
2806031-01	Heat-Shrink Fusion Splice Protector Parts, single fiber, 60 mm long (package of 50)
2806032-01	Heat-Shrink Fusion Splice Protector Parts, single-fiber, 40 mm long (package of 50)
M67-041	Splice Tray, RTV splices, 0.2-in, 12 F



Eclipse Splitter Shelf



Eclipse Housings, Populated



Eclipse 4U Housing

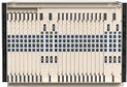


Eclipse 4U Housing, Stubbed

# Central Office/Headend Solutions

## High-Density Fiber Distribution Components

Centrix™ System

TX/RX	Splitter/Modules	Housings	Splice/Stubbed Housings	Frame	OSE
					

### 3B - High-Density Fiber Distribution

Centrix™ Frames and Housings	
CTX-SA-FRAME-7	Centrix™ Standard Rear Cable Access Frame, 7 ft
CTX-FA-FRAME-7	Centrix Front Cable Access Frame, 7 ft
CTX-SA-FRAME-7	Centrix Rear Cable Access Frame, 6 ft (70-in high)
CTX-PK-SA	Centrix Frame Isolation Ground Pad Kit, rear access frame
CTX-PK-FA	Centrix Frame Isolation Pad, front access
CTX-S1U	Centrix Housing, 1U, three cassette positions empty
CTX-S2U	Centrix Housing, 2U, six cassette positions empty
CTX-S4U	Centrix Housing, 4U, 12 cassette positions empty
CTX-KIT-4RU-19CLP	Centrix 4U Housing Mounting Bracket Kit for 19-in frame
CTX-KIT-2RU-19CLP	Centrix 2U Housing Mounting Bracket Kit for 19-in frame
CTX-KIT-1RU-19CLP	Centrix 1U 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-23CLP	Centrix 2U Housing Mounting Bracket Kit for 23-in frame
CTX-KIT-1RU-23CLP	Centrix 1U Housing Mounting Bracket Kit for 23-in frame



Centrix Workshelf



Centrix 1U, 2U, and 4U Housings, Populated



Centrix Service Bracket

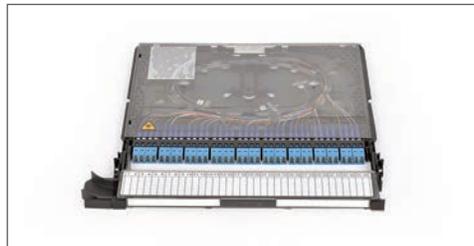
## Central Office/Headend Solutions

3B - High-Density Fiber Distribution	
<b>Centrix™ Accessories</b>	
CTX-KIT-RT-DH	Centrix™ Right-Hand Jumper Routing Waterfall Kit (Qty: 12)
CTX-WORKSHELF	Centrix Frame-Mounted Workshelf
CTX-SERVICEBKT	Centrix Cassette Service Bracket
<b>Centrix Stubbed Housings</b>	
CX4U831246C-UF001B	Centrix Stubbed 4U Housing, 288 F, SC simplex adapters, single-mode (OS2), UPC, 24 F cassettes, 31 m FREEDM® riser cable, top-right (standard) cable entry
CX2E43124B3-CF001B	Centrix Stubbed 2U Housing, 144 F, LC duplex adapters, single-mode (OS2), APC, 24 F cassettes, 31 m FREEDM riser cable, top-right (standard) cable entry
<b>Centrix Pigtailed Splice Cassettes</b>	
CTXCPP24-6C-2RH000	Centrix Splice Cassette with 24 SC APC adapters and SM pigtails, MIC® 900 µm standard SM pigtails
CTXCPP24-B3-2RH000	Centrix Splice Cassette with 24 LC APC adapters and single-mode pigtails, MIC 900 µm standard
CTXCPP36-B3-2RH000	Centrix Splice Cassette with 36 LC APC adapters and MIC 250 µm standard single-mode pigtails
CTXCPP36-A9-2RH000	Centrix Splice Cassette with 36 LC UPC adapters and MIC 250 µm standard single-mode pigtails
<b>Centrix Modules, Splitters, and Cassettes</b>	
CTX24A9-E73RRR	Centrix MTP®-Enabled Module, 24 F, three 8-F front MTPs, 24 LC UPC connectors
CTX24B3-892RBR	Centrix MTP-Enabled Module, 24 F, two 12-F read MTPs, 24 LC APC connectors

Please call customer care for more detailed information.



Centrix Splice Cassette, 24 LC APC Adapters



Centrix Splice Cassette, 36 LC UPC Adapters



Centrix Splitter Cassette, One 1x32, LC APC Connectors

# Central Office/Headend Solutions

## 4 - Cable Assembly

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



SC APC Jumpers in Centrix Cassette



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



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

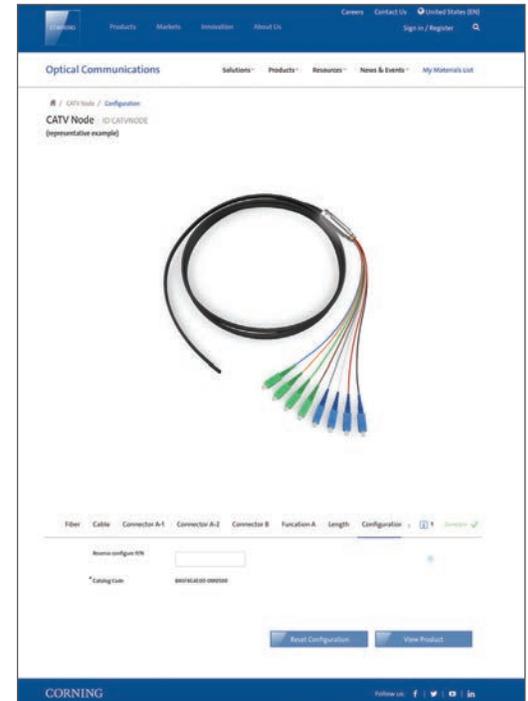
# Deploy a fiber-deep network.

Configure yours today.

## CATV Node Cable Assembly Configurator

We understand that not every network is the same, so your needs drive our solution offerings. That's why we launched a CATV node cable assembly configurator. The configurator enables users to create part numbers while visually verifying different product attributes. It provides reverse configuration features, realistic visualization, and dynamic specification sheet generation capabilities.

Visit [corning.com/configurators/CATVNODE](https://corning.com/configurators/CATVNODE) to start your cable assembly configuration.



## Inside Plant - Data Center

### Fiber Distribution Hub

#### Optical Splice Enclosure (OSE) and Splice Trays

OSE-LD0-00-1-L	Optical Splice Enclosure (OSE), low-density, 576 single-fiber/1,728 mass fusion splice, with OSE splice trays, standard cable entry, lockable
OSE-HD0-W0-1-L	OSE, high-density, 1,440 single-fiber/4,320 mass fusion splice, with OSE splice trays, standard cable entry, with workshelf and lockable
OSE-ST-1	OSE Splice Tray, 36 single heat-shrink
OSE-ST-6	48 F, single-fiber heat-shrink fusion

### Entrance Facility – External Network Communications (Single-Mode)

#### Centrix™ System

CTX-SA-FRAME-7	Centrix™ Frame, standard rear cable access frame, 7 ft
CTX-PK-SA	Centrix Standard Frame Isolation Pad, rear cable access
CTX-S1U	Centrix Housing, 1U, three cassette positions, empty
CTX-S2U	Centrix Housing, 2U, six cassette positions, empty
CTX246C-892RBR	Centrix Module, 24 ports, SC APC front facings, pinned, two MTP® adapters, single-mode, rear-facing MTP adapters, classic polarity
CTX36B3-893RLR	Centrix Module, 36 ports, LC APC front facings, pinned, three MTP adapters, single-mode, right-side front-facing MTP adapters, classic polarity
CTX36A9-893RBR	Centrix Module, 36 ports, LC UPC front facings, pinned, three MTP adapters, single-mode, rear-facing MTP adapters, classic polarity

#### EDGE™ and EDGE8® Solution

G919112GPNDDUxxxF	Non-Armored Plenum Trunk, 12 F, 33-in leg length, non-pinned MTP to non-pinned MTP, pulling grip one side, xxx ft
G919124GPNDDUxxxF	Non-Armored Plenum Trunk, 24 F, 33-in leg length, non-pinned MTP to non-pinned MTP, pulling grip one side, xxx ft
G9191E4GPNDDUxxxF	Non-Armored Plenum Trunk, 144 F, 33-in leg length, non-pinned MTP to non-pinned MTP, pulling grip one side, xxx ft
HE87808GPH-LAxxxF	EDGE8® Non-Armored Plenum Trunk, 8 F, 36-in leg length, non-pinned MTP to LC, xxx ft
787802GD820xxxF	EDGE™/EDGE8 Reverse Polarity Uniboot Duplex Jumper, LC UPC to LC UPC, 2 F, xxx ft
047202G5120xxxF	Fiber Optic Jumper, 2 F, LC duplex to SC duplex, zipcord cable, riser, 2.0 mm legs, bend-improved single-mode (OS2), xxx m

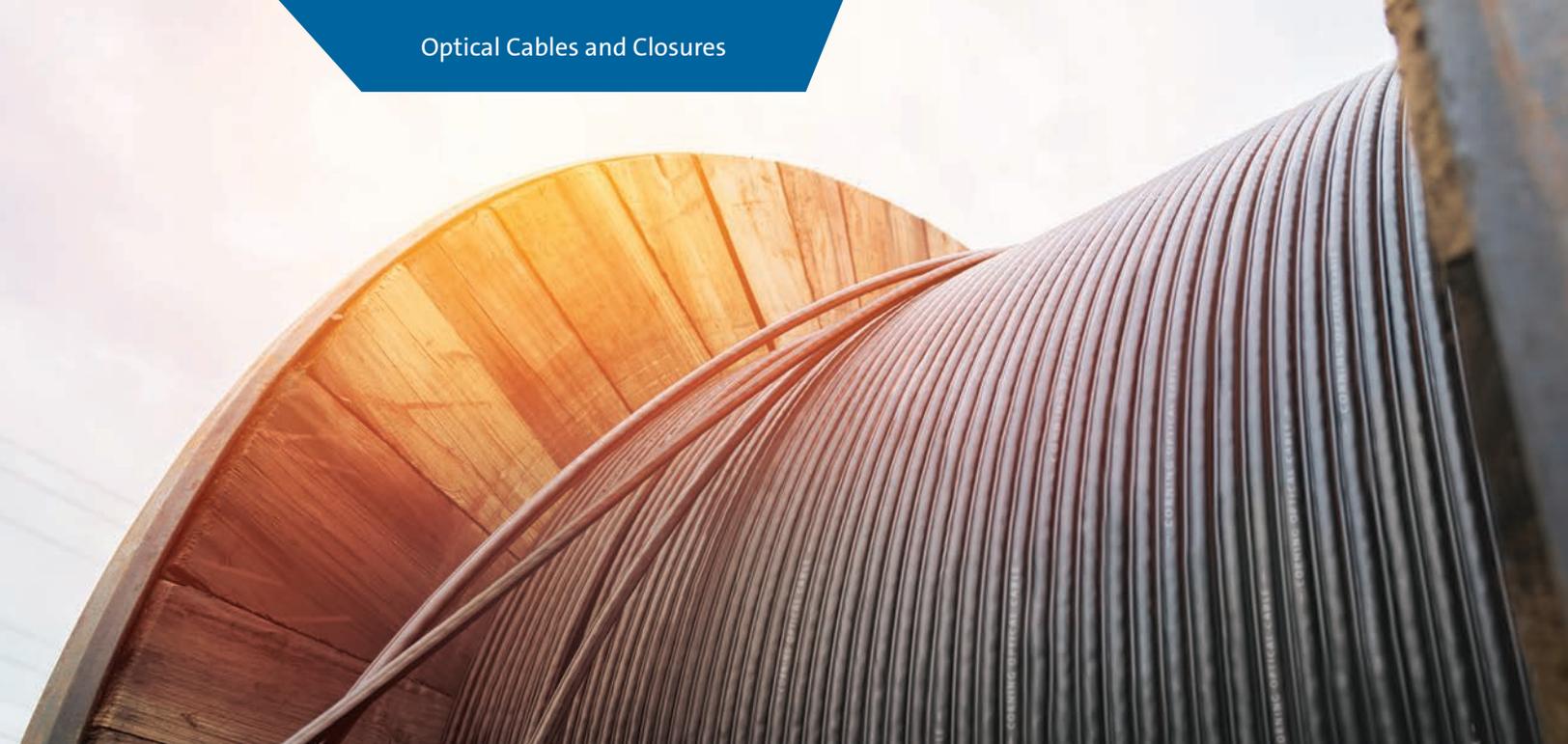
### Entrance Facility – Internal Network Communications (Multimode)

#### EDGE8 Housing, Splitters and Trays

EDGE8-01U	EDGE8 Housing, 1U, holds up to 18 EDGE8 universal modules
EDGE8-04U	EDGE8 Housing, 4U, holds up to 72 EDGE8 universal modules
ECM8-UM08-05-E6Q-U LL	EDGE8 Universal Module, pinned MTP to LC duplex, OM4, ultra-low-loss
EDGE8-CP08-V1	EDGE8 Adapter Panel, 8 F, single-mode (OS2)
EDGE8-CP08-V3	EDGE8 Adapter Panel, 8 F, 50 µm multimode (OM4)
EDGE8-CP32-V3	EDGE8 Adapter Panel, 32 F, 50 µm multimode (OM4)
GE5E508QPNDU100F	EDGE8 Universal Trunk, pinned MTP to pinned MTP, 8-fiber OM4 plenum, 33-in legs, grip one end, 100 ft
GE5E548QPNDU100F	EDGE8 Universal Trunk, pinned MTP to pinned MTP, 48-fiber OM4 plenum, 33-in legs, grip one end, 100 ft
GE5E5E4QPNDU100F	EDGE8 Universal Trunk, pinned MTP to pinned MTP, 144-fiber OM4 plenum, 33-in legs, grip one end, 100 ft
HE67908QPH-KB010F	EDGE8 Non-Staggered Harness, pinless MTP to LC uniboot, 8-fiber OM4 plenum interconnect, 24-in legs, type-B polarity, 10 ft
JE5E608QE8-NB010F	EDGE8 MTP Jumper, pinned MTP to pinless MTP, 8-fiber OM4 plenum interconnect, no furcation, type-B polarity, 10 ft
797902QD820xxxF	EDGE/EDGE8 Reverse Polarity Uniboot Duplex Jumper, LC UPC to LC UPC, 2 F, 50 µm multimode (OM4), xxx ft

## Inside Plant - Data Center

Main Distribution Area	
<b>EDGE™ and EDGE8® Solution</b>	
EDGE8-01U	EDGE8® Housing, 1U, holds up to 12 EDGE8 modules or panels
EDGE8-04U	EDGE8 Housing, 4U, holds up to 72 EDGE8 modules or panels
ECM8-UM08-05-E6G-ULL	EDGE8 Module, MTP® connector to LC duplex, 8 F, 50 µm multimode (OM4)
EDGE8-CP32-V3	EDGE8 Adapter Panel, MTP connector, 32 F, 50 µm multimode (OM4)
GE5E508QPNDU100F	EDGE8 Trunk, 8 F, 8-fiber pinned MTP connectors on both ends, 33-in legs, pulling grip one side, 50 µm multimode (OM4), 100 ft
GE5E516QPNDU100F	EDGE8 Trunk, 16 F, 8-fiber pinned MTP connectors on both ends, 33-in legs, pulling grip one side, 50 µm multimode (OM4), 100 ft
GE5E524QPNDU100F	EDGE8 Trunk, 24 F, 8-fiber pinned MTP connectors on both ends, 33-in legs, pulling grip one side, 50 µm multimode (OM4), 100 ft
787802GD820xxxF	EDGE™/EDGE8 Reverse Polarity Uniboot Duplex Jumper, LC UPC to LC UPC, 2 F, bend-improved single-mode (OS2), xxx ft
797902TD820xxxF	EDGE/EDGE8 Reverse Polarity Uniboot Duplex Jumper, LC UPC to LC UPC, 2 F, 50 µm multimode (OM4), xxx ft
Horizontal Distribution Area	
<b>EDGE8 Solution</b>	
EDGE8-01U-SP	EDGE8 Housing, 1U, holds up to 18 EDGE8 modules or panels
EDGE8-02U	EDGE8 Housing, 2U, holds up to 36 EDGE8 modules or panels
ECM8-UM08-05-E6G-ULL	EDGE8 Module, MTP connector to LC duplex, 8 F, 50 µm multimode (OM4)
EDGE8-CP32-V3	EDGE8 Adapter Panel, MTP connector, 32 F, 50 µm multimode (OM4)
GE5E532QPNDU100F	EDGE8 Trunk, 32 F, 8-fiber pinned MTP connectors on both ends, 33-in legs, pulling grip one side, 50 µm multimode (OM4), 100 ft
GE5E548QPNDU100F	EDGE8 Trunk, 48 F, 8-fiber pinned MTP connectors on both ends, 33-in legs, pulling grip one side, 50 µm multimode (OM4), 100 ft
GE5E572QPNDU100F	EDGE8 Trunk, 72 F, 8-fiber pinned MTP connectors on both ends, 33-in legs, pulling grip one side, 50 µm multimode (OM4), 100 ft
797902TD820xxxF	EDGE8 Reverse Polarity Uniboot Duplex Jumper, LC UPC to LC UPC, 2 F, 50 µm multimode (OM4), xxx ft
Cable Assembly	
<b>EDGE Solution</b>	
H937912QPH-1Z007F	Pinned MTP to Reverse Polarity LC Duplex Uniboot, plenum, Cisco MDS 9513, 9509, and 9506 stagger, 7 ft (also available in 10 ft)
H937912QPH-2Z007F	Pinned MTP to Reverse Polarity LC Duplex Uniboot, plenum, Brocade 48000, DCX and DCX-4S stagger, 7 ft (also available in 10 ft)
H937912QPH-3Z007F	Pinned MTP to Reverse Polarity LC Duplex Uniboot, plenum, Cisco Nexus 7010 and 7018 stagger, 7 ft (also available in 10 ft)
H937912QPH-4Z007F	Pinned MTP to Reverse Polarity LC Duplex Uniboot, plenum, uniform LC legs of 6-in, 7 ft (also available in 10 ft)
H97902QD120xxxF	Reverse Polarity LC Uniboot to Reverse Polarity LC Uniboot, 50 µm multimode (OM4), 1-10 m



# Optical Cables and Closures

## Connect to the Corning Advantage

We invented the first low-loss optical fiber 50 years ago, igniting the critical spark that began a communications revolution and forever changed the world. And today, after recently delivering our 1 billionth kilometer of fiber, 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.

# Optical Cables and Closures

Outside Plant Cables	
<b>ALTOS® Loose Tube Cables</b>	
xxxEU4-T4100D20	ALTOS® Loose Tube, Gel-Free Cable, 0.35/0.35/0.25 attenuation, single-mode (OS2), 12-288 F
xxxEU4-T4700D20	ALTOS Loose Tube, Gel-Free Cable with FastAccess® technology, 0.35/0.35/0.25 attenuation, single-mode (OS2), 12-288 F
xxxZU4-T4F22D20	ALTOS Loose Tube, Gel-Free Cable with binderless* FastAccess technology, 0.35/0.35/0.25 attenuation, single-mode, 12-72 F
xxxEUC-T4100D20	ALTOS Lite Single-Jacket, Single-Armored Loose Tube, Gel-Free Cable, 0.35/0.35/0.25 attenuation, single-mode (OS2), 12-288 F
xxxZUC-T4F22D20	ALTOS Lite Single-Jacket, Single-Armored Loose Tube, Gel-Free Cable with FastAccess technology, 0.35/0.35/0.25 attenuation, single-mode (OS2), 12-72 F
<b>SST-Drop™ Single-Tube, Gel-Filled Cables</b>	
xxxEB4-14101A20	SST-Drop™ Single-Tube, Gel-Filled Cable, single-mode (OS2), 1-12 F
xxxEB1-14101A20	SST-Drop Single-Tube, Toneable, Gel-Filled Cable, single-mode (OS2), 1-12 F
<b>ROC™ Drop</b>	
001EB4-CN814DF9	Reel in a Box, ROC™ drop dielectric cable with FastAccess technology, 1 F, single-mode (OS2)
<b>MiniXtend® Microduct Cable</b>	
xxxZM4-T4F22A20	MiniXtend® Cable with binderless* FastAccess technology, xxx F, Corning® SMF-28® Ultra single-mode G.652.D/G.657.A1, 12-144 F
xxxZH4-Y41F40A20	MiniXtend HD with binderless* FastAccess technology, SMF-28 Ultra 200 µm single-mode, 144, 192, 216, 288 F
<b>SOLO® ADSS Optical Cable</b>	
xxxEN4-T4S01A20	SOLO® ADSS Short-Span, Loose Tube, Gel-Filled Cable, single-mode (OS2), 12-144 F
xxxEN4-T4M01A20	SOLO ADSS Medium-Span, Loose Tube, Gel-Filled Cable, single-mode (OS2), 12-144 F
xxxEAE-T4x01A20*	SOLO ADSS Loose Tube, Gel-Filled, Dual-Jacket Cable, single-mode (OS2), 2-288 F
<b>Figure-8 Cable</b>	
GYFC8Y xxxB1.3	Figure-8 Loose Tube Cable, G.652 fiber, 12-144 F
<b>Micro Cable</b>	
GCYFTY xxxB1.3	Micro Cable, G652 fiber, 12-144 F
<b>Pixian Cable</b>	
GJYXFCH 1B6a1	Figure-8 Pixian Cable, 1 F
<b>SST-Drop™ Cable</b>	
GYQFXTBY xxB1.3	SST-Drop™ Cable, single-mode (OS2), 2-24 F

\*Corning's proprietary binderless FastAccess® technology refers to the combination of a Corning FastAccess technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.

Note: xxx = fiber count. Use 012-096 for fiber counts smaller than 144. Example: 012EN4-T4M01A20 for 12 fibers.

## Standard Fiber Color Code†

- 1 BLUE
- 2 ORANGE
- 3 GREEN
- 4 BROWN
- 5 SLATE
- 6 WHITE
- 7 RED
- 8 BLACK
- 9 YELLOW
- 10 VIOLET
- 11 ROSE
- 12 AQUA

†Customized color codes are available upon request.

# Optical Cables and Closures

## Indoor/Outdoor Cable

### FREEDM® Loose Tube Cable

xxxEUF-T4101D20	FREEDM® Loose Tube, Gel-Free Cable, riser, single-mode (OS2), 12-288 F
xxxEWP-T4101D20	FREEDM Loose Tube, Gel-Free Cable, plenum, single-mode (OS2), 12-72 F
xxxEUF-T4101DA1	FREEDM Loose Tube, Gel-Free, Interlocking Armored Cable, riser, single-mode (OS2), 12-288 F
xxxEWP-T4101DA3	FREEDM Loose Tube, Gel-Free, Interlocking Armored Cable, plenum, single-mode (OS2), 12-72 F
xxxEUZ-T4100D20	LSZH™ Indoor/Outdoor, Gel-Free Cable, single jacket, single-mode (OS2), 12-288 F

### Drop Cable

001UB4-14101-F9	SST-Drop™ Indoor/Outdoor, Gel-Free Cable, dielectric, bend-insensitive single-mode (OS2), 1 F
001UB1-14101-F9	SST-Drop Indoor/Outdoor, Gel-Free Cable, toneable, bend-insensitive single-mode (OS2), 1 F
001U3F-A9403-29	Corning® ClearCurve® Rugged Drop, Tight-Buffered Cable, single-mode (OS2), 1 F

### FREEDM Tight-Buffered Cable

xxxE8F-31131-29	FREEDM One Tight-Buffered Cable, riser, single-mode (OS2), 2-24 F
xxxE8F-31131-A1	FREEDM One Tight-Buffered, Interlocking Armored Cable, riser, single-mode (OS2), 2-24 F
xxxE8P-31131-29	FREEDM One Tight-Buffered Cable, plenum, single-mode (OS2), 2-24 F
xxxE8P-31131-A3	FREEDM One Tight-Buffered, Interlocking Armored Cable, plenum, single-mode (OS2), 2-24 F

Note: xxx = fiber count. Use 012-096 for fiber counts smaller than 144. Example: 012EN4-T4M01A20 for 12 fibers.

More part numbers exist for each family. Please contact Corning Customer Care at +1-828-901-5000 (International) or +55 11 3089 7403 (Brazil) for additional part numbers.

# Optical Cables and Closures

## Inside Plant Cable

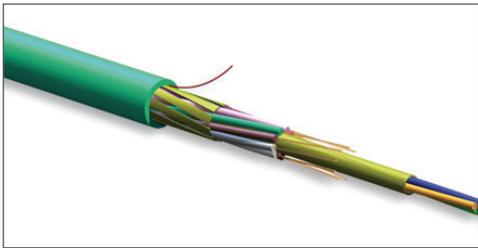
### MIC® Tight-Buffered Cable

xxxE81-33131-24	MIC® Tight-Buffered Cable, riser, single-mode (OS2), 2-24 F
xxxE81-33131-A1	MIC Tight-Buffered, Interlocking Armored Cable, riser, single-mode (OS2), 2-24 F
xxxE88-33131-29	MIC Tight-Buffered Cable, plenum, single-mode (OS2), 2-24 F
xxxE88-33131-A3	MIC Tight-Buffered, Interlocking Armored Cable, plenum, single-mode (OS2), 2-24 F

### Corning® ClearCurve® Drop Cable

001U21-31131-29	ClearCurve Compact Drop, Indoor, Tight-Buffered Cable, riser, 1 F, single-mode (OS2)
001U28-31131-29	ClearCurve Compact Drop, Indoor, Tight-Buffered Cable, plenum, 1 F, single-mode (OS2)

Note: xxx = fiber count. Use 012-096 for fiber counts smaller than 144. Example: 012EN4-T4M01A20 for 12 fibers.  
 More part numbers exist for each family. Please contact Corning Customer Care at +1-828-901-5000 (International) or +55 11 3089 7403 (Brazil) for additional part numbers.



MIC® Tight-Buffered Cable



Corning® ClearCurve® Drop Cable



Reel of ClearCurve Drop Cable

# Optical Cables and Closures

Closures	
<b>SLiC® Closures</b>	
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
SLFC-733-SP-0X	Fiber Aerial Closure 733 with no tray
SLFC-733-SP-1A	Fiber Aerial Closure 733 one fiber optic splice tray 2527
<b>Accessories for SLiC Closures</b>	
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, 3-port, 5-in, version E
SLIC-ES/7TC/E	Rubber End Seal, 3-port, 7-in, version E
<b>2178 Closures</b>	
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-2172	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
<b>Accessories for 2178 Closures</b>	
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 (expected Q1 2020)
2543-D-96SF tray	Fiber Optic Splice Tray, 96 single fusion capacity (expected Q1 2020)

# Optical Cables and Closures

## Closures (continued)

CEFO Splice Closures	
CEFO-TCT2-xxx-PCS-STD	CEFO TC Optical Closure, 12-72 F, mechanical sealing, up to 22-mm cable OD, with splice trays, splice protectors, and mounting brackets included
CEFO-G2T1-xxx-PCS-STD	CEFO G2 Optical Closure, 12-144 F, heat-shrinkable sealing, up to 22-mm cable OD, with splice trays, splice protectors, and mounting brackets included
CEFO-G2T2-288-PCS-STD	CEFO G2 Optical Closure, 288 F, heat-shrinkable sealing, up to 22-mm cable OD, with splice trays, splice protectors, and mounting brackets included
UCAO Closure	
UM-8xxxx0xxx-y-0000-U-IP	UCAO Closure, 8 OptiTap® ports, 4-8 mechanical cable entries (xxx are grommet types: A-F), y number of splice trays (up to 6, 24 F each), no splitter
Fiber Terminal Closure BPEO	
FQ-1000-8222-8	Fiber Terminal Closure BPEO, fiber distribution point for up to 12 drop cables and two branch cables, holds up to four splice trays
UU-0093-7226-7	Fiber Terminal Closure BPEO, fiber distribution point for up to eight drop cables (flat or round) and one branch cable, holds up to six splice trays
FQ-1000-8083-4	Fiber Terminal Closure BPEO, fiber distribution point for up to 16 drop cables, holds up to 12 splice trays
UU-0015-0760-5	Fiber Terminal Closure BPEO, fiber distribution point for up to 10 drop cables, holds up to 12 splice trays
FQ-1000-6818-5	Fiber Closure BPEO, end-of-cable closure for up to four cables, holds up to 12 splice trays
FQ-1000-6819-3	Fiber Closure BPEO-S1-CDP, cable distribution point for one express and two branch cables, holds up to 12 splice trays
FQ-1000-6820-1	Fiber Closure BPEO-S1-EDP, end distribution point for one express and four branch cables, holds up to 12 splice trays



SLiC® Closure



CEFO G2 Optical Closure



Fiber Closure BPEO

# Legacy Copper

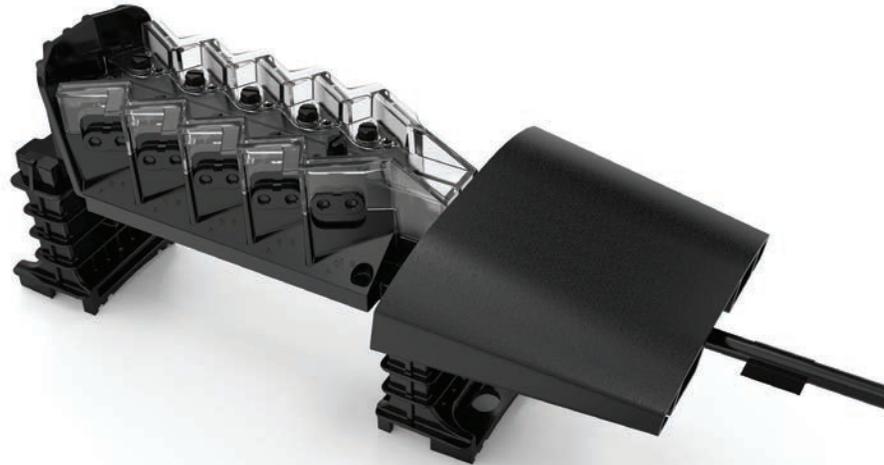
## Connect to Simplified Migration

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.

# Connect to your existing infrastructure

## Corning TAR Terminal Shielded

Outdoor distribution terminal designed to connect copper distribution cables in aerial networks to the customer premises. Made of robust materials capable of withstanding direct impact and to adverse weather conditions such as UV, rain, wind, etc. The design is carefully thought out to minimize inappropriate installations. The design also features pathways to ensure rainwater is routed away from the cable entrances to enhance the quality of the connectivity over the product's lifetime. Connectivity is also ensured through the transparent front panel, allowing a clear view of the connections. Wire guide placement delivers improved and efficient cable routing compared to the alternative products.



For more information about TAR terminal shielded, please visit [corning.com/tarshielded](https://www.corning.com/tarshielded)

# Legacy Copper

## 1 Copper Splicing

- Discrete Connectors
- Modular Connector

## 2 Copper Closures and Terminals

- SLiC® Aerial Closures and Terminals
- CEANS, CEASH, and CEMP Closures

## 3 Distribution Boxes and Customer Premises

- BMX
- TAR Terminal Shielded
- Customer Premises

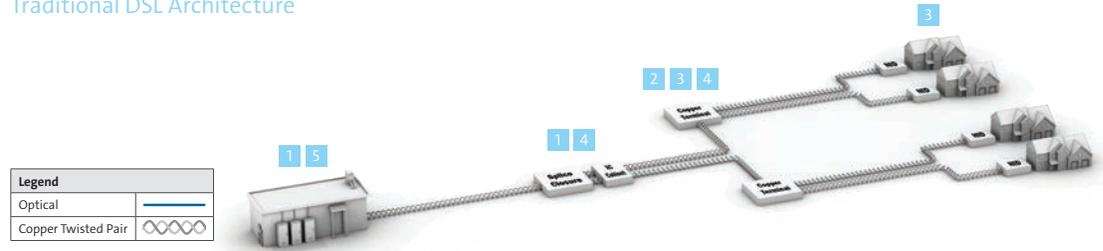
## 4 Terminal Blocks

- Quick Connect System (QCS) 2810

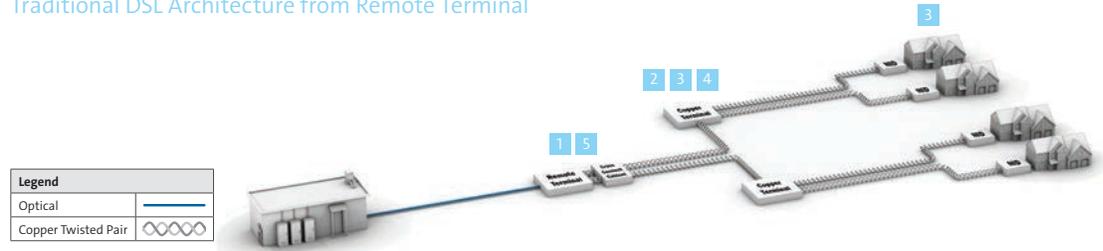
## 5 Splitter Block and xDSL Splitters

- NC SP Block
- xDSL Splitters

### Traditional DSL Architecture



### Traditional DSL Architecture from Remote Terminal



### G.fast DSL Architecture



## Legacy Copper

1 - Copper Splicing	
<b>Discrete Connectors</b>	
UY2	Butt Connector, 2 conductor, 0.4-0.9 mm
UR2	Butt Connector, 2 or 3 conductor, 0.4-0.9 mm
101-E/-SG	Inline Connector, two pair, with or without branching, 0.4-0.65 mm
FE-FX Dual	Inline Connector, flat and round drop, 0.5-1.00 mm
<b>Modular Connectors</b>	
4000-D/TR	Super Mini Splicing Module (dry)
4005-DPM/TR	Super Mate Bridge and Splicing Module (dry)
2 - Copper Closures and Terminals	
<b>SLiC® Aerial Closures</b>	
SLiC 2.2X19	SLiC® Aerial Closure 2.2 x 19 with floating bond and rubber end seal
SLiC 3.6X33-SR/RES	SLiC Aerial Closure 3.6 x 33 with sheath retention and rubber end seal
SLiC 5.6X33-SR/RES	SLiC Aerial Closure 5.6 x 33 with sheath retention and rubber end seal
<b>SLiC Terminals</b>	
319-PI-10-TR/SES	SLiC Aerial Terminal 319 with 10-pair ATS/TR block and spiral end seal
328-PI-20-SR/RES	SLiC Aerial Terminal 328 with 20-pair ATS/TR block, sheath retention, and rubber end seal
328-PI-25-TR/RES	SLiC Aerial Terminal 328 with 25-pair ATS/TR block with rubber end seal
530-PI-20/SR/RES	SLiC Aerial Terminal 530 with 20-pair ATS/TR block, sheath retention, and rubber end seal
ATS/TR	ATS/TR Dual IDC Terminal Block for SLiC terminal
<b>CEANS</b>	
CEANS SS	CEANS Free-Breathing Aerial Closure – small size
CEANS MS	CEANS Free-Breathing Aerial Closure – medium size
CEANS LS	CEANS Free-Breathing Aerial Closure – large size
<b>CEASH</b>	
CEASH 1	CEASH Sealed Aerial Closure – Size 1 up to four cables
CEASH 2	CEASH Sealed Aerial Closure – Size 2 up to four cables
CEASH 3	CEASH Sealed Aerial Closure – Size 3 up to four cables
CEASH 3A	CEASH Sealed Aerial Closure – Size 3 up to three cables
CEASH 4	CEASH Sealed Aerial Closure – Size 4 up to four cables
<b>CEMP</b>	
CEMP 5-10	CEMP Mechanical Pressurized Closure, 10-200 pair
CEMP 5-20	CEMP Mechanical Pressurized Closure, 100-600 pair
CEMP 7-10	CEMP Mechanical Pressurized Closure, 600-900 pair
CEMP 7-20	CEMP Mechanical Pressurized Closure, 600-1,200 pair

2 - Copper Closures and Terminals (continued)	
CEMP 9-20	CEMP Mechanical Pressurized Closure, 1,200-2,400 pair
CEMP 9-20E	CEMP Mechanical Pressurized Closure, 1,500-2,800 pair

3 - Distribution Boxes and Customer Premises	
<b>BMX</b>	
BMX 10P MX2000	BMX Distribution Box, 10 pair, MX2000 block
BMX 10P 2810	BMX Distribution Box, 10 pair, 2810 block
BMX 20P 2810	BMX Distribution Box, 20 pair, 2810 block
<b>TAR Terminal Shielded</b>	
TAR Terminal-Shielded 10P	TAR Terminal-Shielded Coverless Distribution Box, 10 pair
<b>Customer Premises</b>	
NID with VDSL	Network Interface Device with VDSL
Roseta 1P	One-Pair Roseta
Roseta 2P	Two-Pair Roseta

4 - Terminal Blocks	
<b>Quick Connect System (QCS) 2810</b>	
2810A-O	Cross-Connect Terminal Block, gel-filled, 10-pair block – orange, Type-A
2810B-O	Cross-Connect Terminal Block, gel-filled, 10-pair block – orange, Type-B
<b>Others</b>	
M10	M10 10-Pair Terminal Block: switching, disconnection, and connection elements
M10 SC 50P	M10 SC 50-Pair Compact Terminal Block Set: connection elements
BTDG 100P	BTDG 100-Pair Terminal Block Set: switching and disconnection elements
BTRE	BTRE 10-Pair Compact Terminal Block: disconnection and connection elements

5 - Splitter Block and xDSL Splitters	
<b>Next Connect</b>	
NC-SP	High-Density Next-Connect Splitter Block
NC-XD	Extreme-Density Next-Connect Terminal Block
NC-XDP	Extreme-Density Protection Next-Connect Terminal Block
<b>xDSL Splitters</b>	
80-6114-8467-8	NCVA3 ADSL2+ Splitter module for NC SP block, for POTS 600 Ohms, with DC blocking, no pulse metering.
80-6114-8471-0	NCVA1 VDSL2 Splitter module for NC SP block, 30 MHz, for POTS 600 Ohms, w/o DC blocking, no pulse metering.
80-6114-8472-8	NCVA2 VDSL2 Splitter module for NC SP block, 30 MHz, for POTS 600 Ohms, w/o DC blocking, with pulse metering.
80-6114-8476-9	NCVA4 VDSL2 Splitter module for NC SP block, 30 MHz, for POTS 600 Ohms, with DC blocking, with pulse metering.



# 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.

# Hybrid Fiber Coax

## 1 Central Office

- Centrix™ System
- Eclipse® Hardware

## 2 Local Convergence Point

- UCAO Splice Closure
- CEFO Universal
- BPEO Closure

## 3 Node

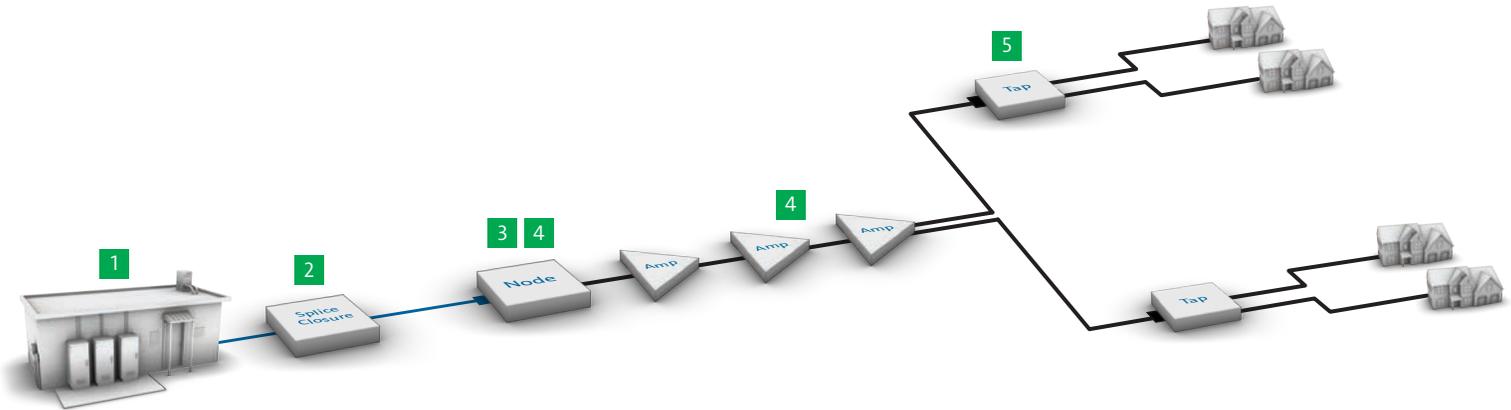
- CATV Node Assembly

## 4 RF Trunk and Distribution

- ALTOS® Non-Armored Cable
- ALTOS Single-Jacket

## 5 RF TAP and Customer Premises

- Series 6 Connectors
- Series 11 Connectors
- UltraEase® Compression Connectors



Legend	
Optical	
Copper	

# Hybrid Fiber Coax

## 1 - Central Office

<b>Centrix™ System</b>	
CTX-E4U	Enclosed Centrix™ 4U Housing
CTXCPP24-3C-2RH000	Centrix Splice Cassette with 24 SC UPC adapters and SM pigtails, 250 µm standard SM pigtails
CTXCA24-3CB	Centrix Patch Panel Cassette with 24-port SC UPC rear entry
<b>Eclipse® Solution</b>	
585801G3116004M	Jumper, single-mode, SC UPC to SC UPC, 4-m long, 1.6 mm outer diameter
ECL-C4U	Four Rack Units, holds 12 Eclipse® connector panels
CA16C01TZZUN	Eclipse Single-Wide Module with (1) CWDM device, 1310, 1490, 1550, 1610
<b>RF Connectors</b>	
GF-SFC-6-PL	"F" Male Connectors, compression type to cable, fits Series 6 plenum cables, hex nut
GA-BNC-SFC-6	SFC BNC Male Connectors, fits all Series 6 cables

## 2 - Local Convergence Point

<b>CEFO Splice Closure</b>	
CEFO-TCT2-xxx-PCS-STD	CEFO TC Optical Closure, 12-72 F, heat-shrinkable sealing, up to 22-mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T1-xxx-PCS-STD	CEFO G2 Optical Closure, 12-144 F, mechanical sealing up to 22-mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T2-288-PCS-STD	CEFO G2 Optical Closure, 288 F, mechanical sealing, up to 22-mm cable OD, with splice trays, splice protectors and mounting brackets included
<b>UCAO Splice Closure</b>	
UM-8xxxx0xxxx-y-0000-U-IP	UCAO Closure, 8 OptiTap® ports, 4-8 mechanical cable entries (xxx are grommet types: A-F), y number of splice trays (up to 6, 24f each), no splitter
<b>Fiber Terminal Closure BPEO</b>	
FQ-1000-8222-8	Fiber Terminal Closure BPEO, fiber distribution point for up to 12 drop cables and two branch cables, holds up to four splice trays
UU-0093-7226-7	Fiber Terminal Closure BPEO, fiber distribution point for up to eight drop cables (flat or round) and one branch cable, holds up to six splice trays
FQ-1000-8083-4	Fiber Terminal Closure BPEO, fiber distribution point for up to 16 drop cables, holds up to 12 splice trays
UU-0015-0760-5	Fiber Terminal Closure BPEO, fiber distribution point for up to 10 drop cables, holds up to 12 splice trays
FQ-1000-6818-5	Fiber Closure BPEO, end-of-cable closure for up to four cables, holds up to 12 splice trays
FQ-1000-6819-3	Fiber Closure BPEO-S1-CDP, cable distribution point for one express and two branch cables, holds up to 12 splice trays
FQ-1000-6820-1	Fiber Closure BPEO-S1-EDP, end distribution point for one express and four branch cables, holds up to 12 splice trays

## 3 - Node

GRS-500-CH-DU-03-T	Trunk and Distribution Connectors, three-piece pin connector, CommScope P3 and Times T10, .500 in
G2-500-CH-P3	Trunk and Distribution Connectors, two-piece pin connector, CommScope P3 and Times T10, .500 in
GRS-500-EXT-DU-03-T	Trunk and Distribution Connectors, three-piece pin extension connector, CommScope P3 and Times T10, .500 in
GRS-500-SP-DU-03	Trunk and Distribution Connectors, three-piece splice connector, CommScope P3 and Times T10, .500 in
G-KS-KS-MLKG-T	Trunk and Distribution Adapters, housing-to-housing adapter, sealed locking rotational
GP-90-T	Trunk and Distribution Adapter, 90-degree, seizure screw
GP-PA-T	Trunk and Distribution Adapter, 180-degree, seizure screw
GF-625-CH-T	Trunk and Distribution Adapters, KS male/"F" female adapter
G-EXT-3-SC-T	Extension Adapter, socket contact, 3-in OAL

# Hybrid Fiber Coax

## 4 - RF Trunk and Distribution

ALITOS® Cables	
CCSV6C6E00-0F0100	ALITOS® Non-Armored Cable, 12 F, single-mode, six LC APC to six SC APC, 25-in (2-mm) legs, 100 ft
CESV8CAN00-0F0100	ALITOS Single-Jacket, Single-Armored Cable, 12 F, single-mode, eight LC APC to four non-terminated legs, 25-in (25-mm) legs, 100 ft

## 5 - RF TAP and Customer Premises

Connectors/Drop	
GF-EFC-6-SR	"F" Male Continuity Connectors, fits all Series 6 cables, hex nut with factory-installed seal ring
GF-SFC-6-SR	"F" Male Connectors, Series 6, hex nut with factory-installed seal ring
GF-UE-6Q	UltraEase® Compression Connectors to Cable, "F" male, Series 6, quad-shield
99909402-02	FM-60-CX3 MINI 3.1 for MINI 3.1 mm cable
99909403-02	FM-60-CX3- MINI 4.0 for MINI 4.0 mm cable
99909487	IECM-60-CX3 MINI 4.5 for MINI 4.5 mm cable
98500995	Cable Stripper LDT MINI for 4.0 mm - 5.0 mm jacket
GAF-URS-11-MH-SR	"F" Male Connectors for Series 11 cables, compression type, dual hex nut, integral pin, factory-installed seal ring
GTR-59-A	Drop Terminator, 75 Ohm, basic
GF-81	"F" Splice, indoor F-81, tin-plated brass

Note: More part numbers exist for each family. Please contact Corning Customer Care at +1-828-901-5000 (International) or +55 11 3089 7403 (Brazil) for additional part numbers. For a more comprehensive MSO product offering, please visit [www.corning.com/catv](http://www.corning.com/catv).



Cable TV Node Assembly



RF Connector



RF Drop Connectors



# 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 more than 15 years' experience and in excess of 52 million homes passed, 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.

# Meet the new UCAO with Mechanical Sealing

The new UCAO terminal, industry leader for preconnectorized FTTH networks in Latin America, evolved to full mechanical cable entries.

With up to eight mechanical cable entries, the terminal allows fast and clean installation of the main and derivation cables. Individual customer connections are made through OptiTap®, allowing connection to the subscriber without opening the terminal. Up to 16 ports can be accommodated, eight at either end.



Learn more about the UCAO  
at [corning.com/UcaoMS](https://corning.com/UcaoMS)



# FTTH – Network Architecture

Whether you're deploying RFoG, GPON, EPON, or looking forward to next-generation PON technologies, we can help you find success. Whichever deployment scenario you choose, we have a solution that will deliver value that's right for you.

## Distributed Split

### 1 Central Office/Headend

- Centrix™ System
- Eclipse® Hardware

### 2 Local Convergence Point

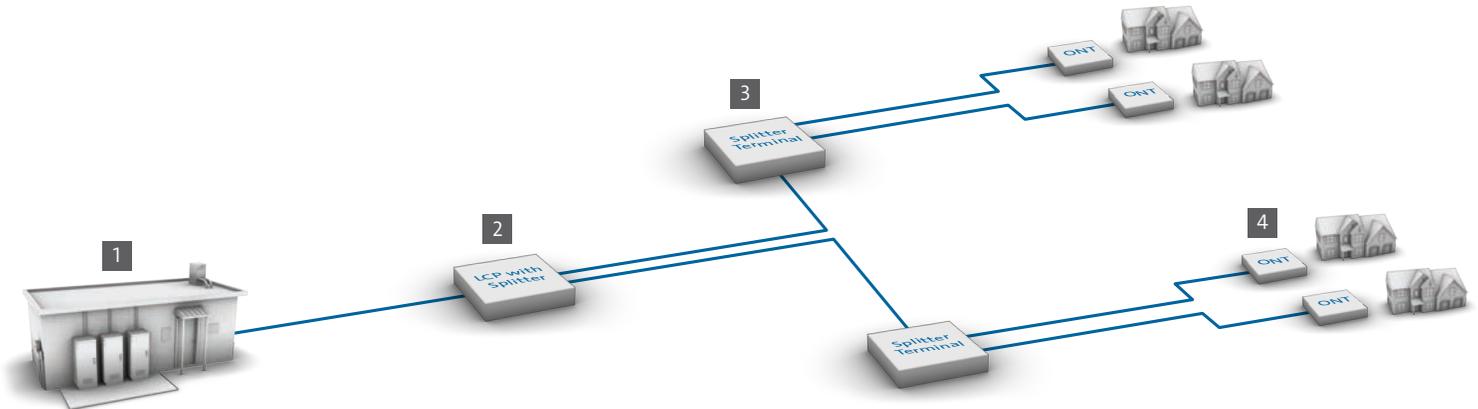
- OptiTect® Cabinet Series
- 2178 Family Closures
- CEFO Family Closures

### 3 Network Access Point

- FlexNAP™ Multiuse System
- MultiPort Splitter Terminal
- UCAO Family Splice Closures
- CTO NG16 Optical Closure
- OptiTap® Drop Cable Assembly

### 4 Optical Network Terminal

- Field Connectors
- OptiTap Drop Cable Assembly



Legend	
Optical	

# FTTH – Single-Family Units

## 1 - Central Office/Headend

Eclipse® Hardware	
ECL-BAY-7	Eclipse® 7-ft Frame with top and bottom shelves, 19-in wide
ECL-C4U	Eclipse Connector Housing, 4U, holds 12 Eclipse connector panels, 144 F capacity maximum
ECL-C4U-E4D9	Eclipse Connector Housing with adapters, 4U, 144 F, SC APC duplex adapters
ECL46112D9-UF001B	Eclipse Connector Housing with adapters and cable stub, 4U, 144 F, 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
Centrix™ System	
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, 288 F, 12 cassettes each with 24 SC APC adapters and single-mode pigtails, MIC 900 µm standard single-mode pigtails

## 2 - Local Convergence Point

OptiText Cabinet Series	
ALCTS000000000000	HD Series Outdoor Cabinet, 896 F capacity, for LS series splitters and Centrix cassettes
VFAPS77-1UC231UC00	LS Series Outdoor Cabinet, with 6-in pad mount without toning, 864 F, 72-fiber feeder and 72-fiber pass-through ALTOS® Lite armored cable, two 432-fiber ALTOS Lite armored distribution cable, 31 m stubs, SC APC, no splitter
VEAPS47-1UC231UC00	LS Series Outdoor Cabinet, with 6-in pad mount without toning, 576 F, 48-fiber feeder and 72-fiber pass-through ALTOS Lite armored cable, two 288-fiber ALTOS Lite armored distribution cable, 31 m stubs, SC APC, no splitter
SCAP431U41E31U4S00	Gen III Series Outdoor Cabinet, 288 F, pad mount without toning, 48-fiber ALTOS feeder cable, one 288-fiber ALTOS distribution cable, 31 m stubs, SC APC, no splitter
SDAP131U41C31U4S00	Gen III Series Outdoor Cabinet, 144 F, pad mount without toning, 12-fiber ALTOS feeder cable, one 144-fiber ALTOS distribution cable, 31 m stubs, SC APC, no splitter
UMB1CC6CZ6C21132	Gen III Series Splitter Module, 1x32
WMC4CC6CA6C11132	LS Series Splitter Module, 1x32
OCC-080-G	Optical Cross-Connect Cabinet and Kit, 80-in space, pad mount
SCF-6C-28-01	Splice Closure, 288 single-fiber splice capacity, 6-in diameter, 28-in dome length, four drop ports, without splice trays
CAKS10T51U4216U41E	Compact LCP Housing, 96 F, almond, SC APC, ALTOS loose tube, gel-filled cable, 1x8 splitter, single-mode (OS2), 50 ft
CAMS11T51U4208U41E	Compact LCP Housing, 72 F, almond, SC APC, ALTOS loose tube, gel-filled cable, 1x8 splitter, single-mode (OS2), 16 ft
CEFO Family Closures	
CEFO-TCT2-xxx-PCS-STD	CEFO TC Optical Closure, 12-72 F, mechanical sealing, up to 22-mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T1-xxx-PCS-STD	CEFO G2 Optical Closure, 12-144 F, heat-shrinkable sealing, up to 22-mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T2-288-PCS-STD	CEFO G2 Optical Closure, 288 F, heat-shrinkable sealing, up to 22-mm cable OD, with splice trays, splice protectors and mounting brackets included
2178 Splice Closures	
2178-XSB-EG-1T-6PGA	Fiber Optic Splice closure 2178-XSB, 48 single fusion/288 mass fusion capacity, with one fiber optic splice tray 2532
2178-LS/4-LUG	Fiber Optic Splice closure 2178-LS, 288 single fusion/864 mass fusion capacity with four cable entry kits and four ground lugs
2178-S-2172	Fiber Optic Splice closure 2178-S, 96 single fusion/288 mass fusion capacity
2178-XL	Fiber Optic Splice closure 2178-XL, 576 single fusion, 1,728 mass fusion, 3,456 ribbon capacity
2178-XL-8G	Fiber Optic Splice closure 2178-XL, 576 single fusion, 1,728 mass fusion, 3,456 ribbon capacity, includes four cable entry kits and eight ground lugs

# FTTH – Single-Family Units

## 2 - Local Convergence Point (continued)

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 (expected Q1 2020)
2534-D-965F	Tray Fiber Optic Splice Tray, 96 single fusion capacity (expected Q1 2020)

Note: More part numbers exist for each family. Please contact Corning Customer Care at +1-828-901-5000 (International) or +55 11 3089 7403 (Brazil) for additional part numbers or visit [www.corning.com/opcomm](http://www.corning.com/opcomm).

## 3 - Network Access Point

FlexNAP™ Multiuse System	
BLD-CCS000xxxxxx	FlexNAP™ System Build ID: configurable cable system with designated network access points factory installed and preterminated
MultiPort Splitter Terminal	
MTS-H444NS000MW-P	MultiPort Splitter Stubless Terminal, 1 input + 4 output OptiTap® ports, 1x4 splitter
MTS-F844NS000MW-P	MultiPort Splitter Stubless Terminal, 1 input + 8 output OptiTap ports, 1x8 splitter
MOB-yy44FDxxxFW	MultiPort Stubbed Terminal, yy ports (02, 04, 06, 08, 12 available), single-mode (OS2), xxx ft
MTB-yy44FDxxxFW	MultiPort Terminal with OptiTip® jumper, xx ports (02, 04, 06, 08, 12 available), single-mode (OS2), xxx ft
MOB-yy44TDxxxFW	MultiPort Stubbed Terminal, toneable, yy ports (02, 04, 06, 08, 12 available), single-mode (OS2), xxx ft
MTB-yy44TDxxxFW	MultiPort Terminal with OptiTip toneable jumper, yy ports (02, 04, 06, 08, 12 available), single-mode (OS2), xxx ft
MPF-yy48M1R43F-P	MultiPort Flex Terminal, yy ports (04, 08, and 12 available), 4.8 mm Corning® ClearCurve® rugged drop cable, black jacket, individual packaging
MOF-yy48FDxxxFW	MultiPort Flex Stubbed Terminal, dielectric, yy ports (04, 06, 08, and 12 available), single-mode (OS2), xxx ft
MOF-yy48TDxxxFW	MultiPort Flex Stubbed Terminal, toneable, yy ports (04, 06, 08, and 12 available), single-mode (OS2), xxx ft
UCAO Family Splice Closure	
UM-8xxxx0xxxY-0000-U-IP	UCAO Closure, eight OptiTap ports, eight mechanical cable entries (xxxx are grommet types: A-F), y number of splice trays (up to six, 24 F each), no splitter.
UM-8xxxx0xxxY-1108-U-IP	UCAO Closure, 18 OptiTap ports, eight mechanical cable entries (xxxx are grommet types: A-F), y number of splice trays (up to six, 24 F each), one splitter 1x8.
UM-8xxxx8xxxY-2108-U-IP	UCAO Closure, 16 OptiTap ports, eight mechanical cable entries (xxxx are grommet types: A-F), y number of splice trays (up to six, 24 F each), two splitters 1x8.
UM-8xxxx8xxxY-1116-U-IP	UCAO Closure, 16 OptiTap ports, eight mechanical cable entries (xxxx are grommet types: A-F), y number of splice trays (up to six, 24 F each), one splitter 1x16.
UM-8xxxx0xxxY-1108-C-IP	UCAO Terminal with Mechanical Sealing, 18 OptiTap ports, eight mechanical cable entries (xxxx are grommet type A-F), y number of splice trays (up to six, 24F each), one splitter 1x8
UM-8xxxx8xxxY-2108-C-IP	UCAO Terminal with Mechanical Sealing, 16 OptiTap ports, eight mechanical cable entries (xxxx are grommet type A-F), y number of splice trays (up to six, 24F each), two splitters 1x8
CTO NG16 Optical Closure	
HB004437735	CTO NG16 Optical Closure, one splice tray, one splitter tray, one ECAM oval port, eight ECAM FRP
HB004490213	CTO Mounting Bracket for TT-type post
HB004500433	CTO Splice Tray, 5 mm, for 12 fusion splices
HB004500441	CTO Splitter Tray, 10 mm for splitters up to 1x16
HB004500250	8x ECAM Expansion Kit for CTO closure
HB004500458	ECAM S12-4/12 EVOL N721126A

## FTTH – Single-Family Units

3 - Network Access Point (continued)	
<b>Distributed TAP UCAO with Mechanical Sealing</b>	
UM-MP10-1102+1108-9010-BR	90/10 Power Distribution, 8 port, stubless
UM-MP10-1102+1108-8515-BR	85/15 Power Distribution, 8 port, stubless
UM-MP10-1102+1108-8020-BR	80/20 Power Distribution, 8 port, stubless
UM-MP10-1102+1108-7030-BR	70/30 Power Distribution, 8 port, stubless
UM-MP10-1102+1108-6040-BR	60/40 Power Distribution, 8 port, stubless
UM-MP9-1108-BR	With splitter 1x8, 8 port, stubless
<b>Distributed Tap Multiport</b>	
MDT-90X8NS000M-P	90/10 Power Distribution, 8 port, stubless
MDT-85X8NS000M-P	85/15 Power Distribution, 8 port, stubless
MDT-80X8NS000M-P	80/20 Power Distribution, 8 port, stubless
MDT-70X8NS000M-P	70/30 Power Distribution, 8 port, stubless
MDT-60X8NS000M-P	60/40 Power Distribution, 8 port, stubless
MDT-00X8NS000M-P	00 Power Distribution, 8 port, stubless
<b>OptiTap® Drop Cable Assembly</b>	
434301EB4FDxxxF-P	OptiTap® Single-Tube, Gel-Filled Cable Assembly, 1 F, OptiTap to OptiTap, single-mode (OS2), xxx ft
434301EB1TDxxxF-P	OptiTap Single-Tube, Gel-Filled Cable Assembly, 1 F, OptiTap to OptiTap, toneable, single-mode (OS2), xxx ft
4 - Optical Network Terminal	
<b>ROC™ Drop Cable</b>	
004301EB49RxxxF-P	ROC™ Drop Cable Assembly with FastAccess® technology, 900 µm, 1 F, dielectric, OptiTap SC APC to stub end, individual pack, xxx ft
004301EB19RxxxF-P	ROC Drop Cable Assembly with FastAccess technology, 900 µm, 1 F, toneable, OptiTap SC APC to stub end, single-mode (OS2), individual pack, xxx ft
004301QBICDxxxM-CALA	LSZH™ Figure-8 LowFriction Compact Drop Cable Assembly, 1 F, with steel messenger, individual pack xxx M
<b>Field Connectors</b>	
TKT-OPTISNAP-CF	OptiSnap™ Field- Installable Connector Toolkit, with flat cleaver
OSNP-SCA-250-Z	OptiSnap® Connector, SC APC, 25-piece organizer pack, single-mode (OS2), 250 µm
OSNP-SCA-900-Z	OptiSnap Connector, SC APC, 25-piece organizer pack, single-mode (OS2), 900 µm
8802-T/1.6-3	No-Polish Connector, SM SC PC 1.6-3.0 mm jacket

Note: yy = port count and xxx = length in ft. More part numbers exist for each family. Please contact Corning Customer Care at +1-828-901-5000 (International) or +55 11 3089 7403 (Brazil) for additional part numbers or visit [www.corning.com/opcomm](http://www.corning.com/opcomm)



# FTTH – Multidwelling Units

## Connect to World-Class FTTH Innovation

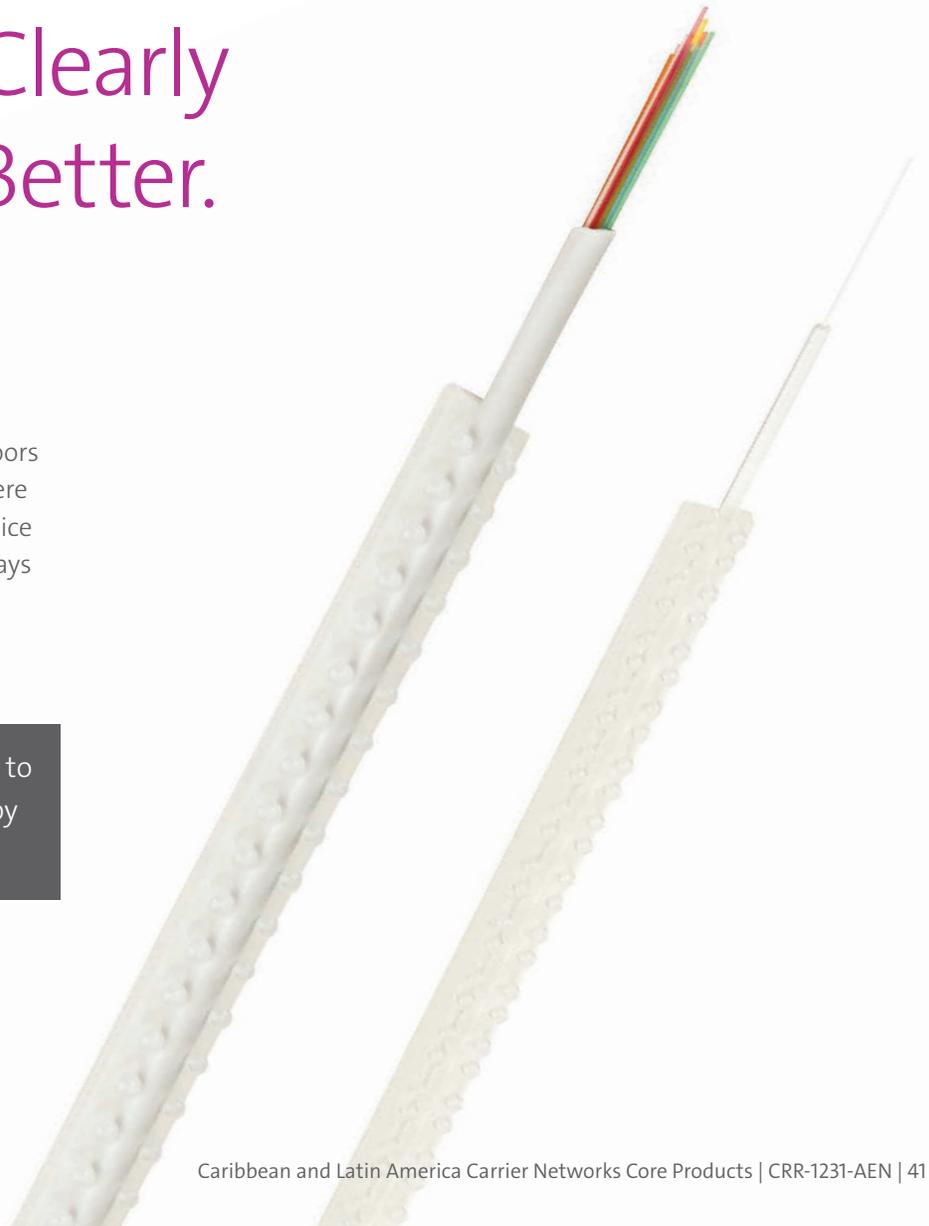
When it comes to multidwelling units (MDUs), there's no one-size-fits-all answer. You need a customized solution and a collaborator with the expertise to simplify your challenges, so you can focus on delivering the services and applications that your subscribers expect. Choose a supplier that knows your environment and has manufacturing expertise that can help you choose flexible, simplified product sets. We can help.

# Clearly Faster. Clearly Easier. Clearly Better.

## Clear Track Hallway Fiber Pathways

The Clear Fiber drop is compatible with the Clear Track system and is ideal for SFU and MDU applications where a clean transition from outdoors – where ruggedness is required – to indoors, where aesthetics are desired, without the need for a splice or connection point. 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 [corning.com/core/cleartrack](https://www.corning.com/core/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

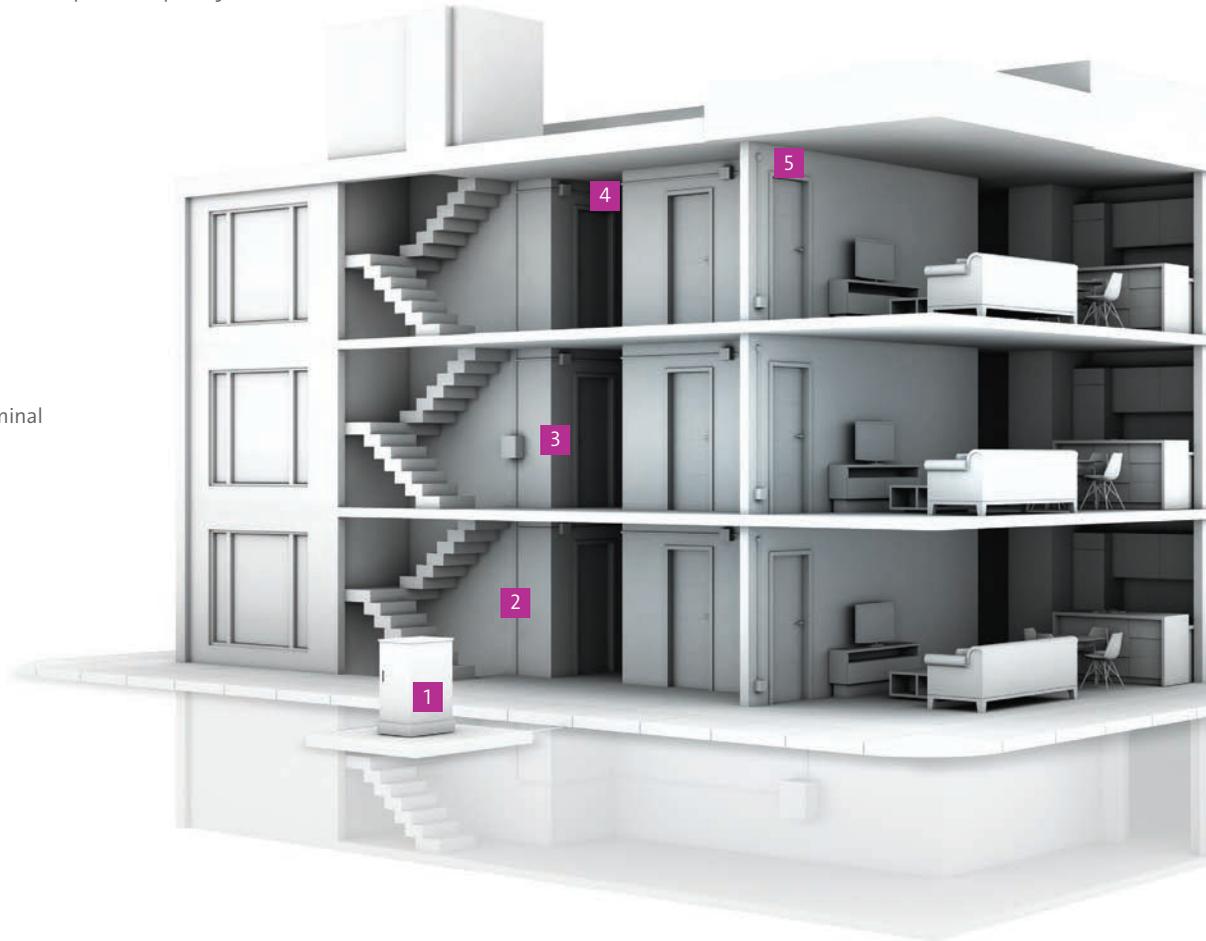
- Low-Profile Terminal
- Fiber Distribution Terminal
- MDU Terminal
- RPDpass Riser Distribution Terminal
- Optical Termination Box

### 4 Horizontal Access

- Cable/Pathway
- Point of Entry (POE)

### 5 In-Living Unit (ILU)

- Drops
- Outlets
- Field-Installable Connector



## FTTH – Multidwelling Units

### 1 - MDU Entrance

Outdoor Local Convergence Point (Centralized Split)	
SDAP231U41C31U4500	Gen III Series Outdoor Cabinet, 144 F pad-mount, 24 F ALTOS® feeder, 144 F ALTOS distribution, 31 m stubs*
VDAP520-1U4131U400	LS Series Outdoor Cabinet, 144 F pad-mount, 24 F ALTOS feeder, no pass-through, 144 F ALTOS distribution, 31 m stubs*
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 at page number 21	
Building Entrance	
JMXP51000BB000BB00	CE Series Indoor Cabinet, 72 F, wall mount, pigtails and splice chamber for spliced-in feeder and distribution
JCWPS2000BB0007700	CE Series Indoor Cabinet, 288 F, wall mount, pigtails for spliced-in feeder, MTP®-enabled distribution
JFWPS2000BB0007700	CE Series Indoor Cabinet, 864 F, wall mount, pigtails for spliced-in feeder, MTP-enabled distribution
DDWPS2000BB000BB00	LS Series Indoor Cabinet, 144 F, wall mount, 24 F feeder and no pass-through loose tube pigtails, 144 F distribution loose tube pigtails, SC APC, no splitter
DAWPS4300BB000AA00	LS Series Indoor Cabinets 432 F, wall mount, 48 F feeder and 36 F pass-through, loose tube pigtails, 432 F distribution, ribbon pigtails, SC APC, no splitter
BDWP131CF1C08C7500	Gen III Series Indoor Cabinet, 144 F, wall mount, 12 F I/O ribbon riser feeder 31 m, 144 F ribbon riser distribution 8 m
BAT-Sxy-ST001	Building Access Terminal, small (250 x 200 x 50 mm), colors (x): G-gray, W-white. Lock type (y): E-EMKA, S-screw
BAT-Mxy-ST001	Building Access Terminal, medium (300 x 240 x 80 mm), colors (x): G-gray, W-white. Lock type (y): E-EMKA, S-screw
BAT-Lxy-ST001	Building Access Terminal, large (350 x 335 x 88 mm), colors (x): G-gray, W-white. Lock type (y): E-EMKA, S-screw
BAT-Xxy-ST001	Building Access Terminal, extra large (390 x 450 x 88 mm), colors (x): G-gray, W-white. Lock type (y): E-EMKA, S-screw
BAT-C-xy-01	Cable Entry Components for BAT, for 3-12 mm cable OD (xy: size-specific option, see specification for details)
BAT-F-01	Fusion Splice Module for BAT, 12 F
BAT-Kab-cd-efg-h	Splice Module for BAT, ab: input connector, cd: output connector, efg: split ratio (102 through 132), h: number of splitters (0 to 4)
BAT-P-ab-xy-RT	Patch Module for BAT, ab: adapter/pigtail configurations, xy:connector type (22 for LC APC duplex, 44 for SC APC, 02 LC UPC duplex, 58 for SC UPC)
BAT-R-01	Cable Routing Guide for BAT

### 2 - Riser Access

RRB131312UPNM6SxxxF	RPDpass® Riser, basement (pull up), 12 F MTP at basement, 2x6 F, MTP connectors at terminal, xxx ft
BLD-P8896EV4200FP	FlexNAP™ System, façade cable, 96 F, eight 8-fiber taps, 200-ft tail

Note: For bulk cable options, please visit the optical cable section or [corning.com](http://corning.com).

## FTTH – Multidwelling Units

3 - Floor Access	
<b>Building Access Terminal (BAT)</b>	
BAT-Sxy-ST001	Building Access Terminal, small (250 x 200 x 50 mm), colors (x): G-gray, W-white. Lock type (y): E-EMKA, S-screw
BAT-Mxy-ST001	Building Access Terminal, medium (300 x 240 x 80 mm), colors (x): G-gray, W-white. Lock type (y): E-EMKA, S-screw
BAT-Lxy-ST001	Building Access Terminal, large (350 x 335 x 88 mm), colors (x): G-gray, W-white. Lock type (y): E-EMKA, S-screw
BAT-C-xy-01	Cable Entry Components for BAT, for 3-12 mm cable OD (xy: size-specific option, see specification for details)
BAT-F-01	Fusion Splice Module for BAT, 12 F
BAT-Kab-cd-efg-h	Splitter Module for BAT, ab: input connector, cd: output connector, efg: split ratio (102 through 132), h: number of splitters (0 to 4)
BAT-P-ab-xy-RT	Patch Module for BAT, ab: adapter/pigtail configurations, xy:connector type (22 for LC APC duplex, 44 for SC APC, 02 LC UPC duplex, 58 for SC UPC)
BAT-R-01	Cable Routing Guide for BAT
<b>RPDpass®</b>	
RTW-OMP-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
<b>Optical Termination Box</b>	
OTB318-CAS-085C-108-BLK	Optical Termination Box, black color, three cable inputs and 18 drops cable outputs with one 1x8 SC UPC splitter module
OTB318-CAS-086C-108	Optical Termination Box, gray color, three cable inputs and 18 drops cable outputs with one 1x8 SC UPC splitter module

4 - Horizontal Access	
<b>Cables/Drop Assembly</b>	
004401UR4BGxxxF	Corning® ClearCurve® Drop Assembly, pigtail to SC APC, 1 F, 4.8 mm rugged riser, neutral jacket, xxx ft
444401UR4BGxxF	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, 1 F, 2.9 mm compact riser neutral jacket, xxx ft
444401UR1BGxxxF	ClearCurve Drop Assembly, SC APC to SC APC, 1 F, 2.9 mm compact riser, neutral jacket, xxx ft
RHN770006U6RBSxxxF	RPDpass Drop Assembly, pinned MTP® connectors, 6 F, plenum, blue through white fibers, xxx ft
RHN770012U6RCSxxxF	RPDpass Drop Assembly, pinned MTP connectors, 12 F, plenum, blue through aqua fibers, xxx ft
001U2F-D0192-B2	ClearCurve 4.8 mm Rugged Drop, 1 F, I/O neutral jacket, 1,000 ft reel in a box
001U2F-D0668-B3	ClearCurve 2.9 mm Compact Drop, 1 F, I/O neutral jacket, 1,500 ft reel in a box
CLR-DRP-2500-01-000-BL	Clear Fiber Drop Cable, 1F, I/O black jacket, 2,500 ft
CLR-DRP-xxx-01-SCA2-BL	Clear Fiber Drop Assembly, pigtail to SC APC, 1 F, I/O black jacket; available in 25 ft, 50 ft, 75 ft, and 100 ft
CLR-TRK-HALL1-125-18	Clear Track Hallway Fiber Pathway, 125 ft
CLR-HALLM-750-12F-000-000-W	Clear Track Hallway Micro-Module, 12 F, white jacket, 750 ft
CLR-HALLM-xxx-12F-SCA-000-W	Clear Track Hallway, Micro-Module, SC APC, 12 F; available in 150 ft, 300 ft, and 600 ft
CLR-TRK-CVR	Clear Track Clear Cover, 1,000 ft
CLR-TOOL	Clear Track Fiber Installation Tool
CLR-DRP-PUSH-100	Clear Drop Push Tube (Clear)
CLR-BELT-CLIP-32	Belt Clip Spool Holder
<b>Point of Entry</b>	
CLR-SMALL-POE-250UM-SCA-WH	Clear Track Hallway Small Point of Entry
CLR-POE-60	Clear Track Micro POE Wall Cover

## FTTH – Multidwelling Units

### 5 - In-Living Unit (ILU)

Drops	
001U21-A9374-B2	Corning® ClearCurve® 4.8 mm Rugged Drop 1 F, riser neutral jacket, 1,000 ft reel in a box
001U21-A9375-B2	ClearCurve 2.9 mm Compact Drop, 1 F riser neutral jacket, 1,000 ft reel in a box
001U4N-K3300ENC	ClearCurve Invisible 900 µm Drop Kit, 2x305 m reels, 200 type-A clips, 200 type-B clips, 2x20 ml epoxy
004401UR1BGxxxF	ClearCurve Drop Assembly, pigtail to SC APC, 1 F, 2.9 mm compact riser, neutral jacket, xxx ft
444401UR1BGxxXF	ClearCurve Drop Assembly, SC APC to SC APC, 1 F, 2.9 mm compact riser, neutral jacket, xxx ft
CLR-TRK-205-01-000	Clear Track Fiber Pathway 205 ft
CLR-FBR-1KM-01-000	Clear Track 900 µm Clear Fiber, 1,000 km spool
CLR-FBR-600-01-000	900 µm Clear Fiber, 600 ft; packaged in a box of eight spools
Outlets	
SWT4-1-6W000-S0001	Small Wall Terminal, one SC APC adapter, ivory color
SWT4-0-00000-S000W	Small Wall Terminal, white, empty, no splice tray
WLL-PL-AA	Wall-Plate Outlet, single gang, white, one-port
WLL-PL-AB	Wall-Plate Outlet, single gang, white, two-ports
CLR-WPT-01-SCASH-WH	Low-Profile Wall Plate with SC APC shuttered adapter
CLR-PCD-SCASH-xM	Shuttered SC Patch Cord; available in 1, 2, 3, and 4.5 m
Field-Installable Connector	
TKT-OPTISNAP-CF	OptiSnap™ Field- Installable Connector Toolkit, with flat cleaver
OSNP-SCA-250-Z	OptiSnap® Connector, SC APC, 25-piece organizer pack, single-mode (OS2), 250 µm
OSNP-SCA-900-Z	OptiSnap Connector, SC APC, 25-piece organizer pack, single-mode (OS2), 900 µm
8802-T/1.6-3	No-Polish Connector, SM SC PC 1.6-3.0 mm jacket
8800-APC/FS	No-Polish Connector, SC APC SM, flat splice, 250/900 µm, with tool

## FIBER TO THE PEOPLE

Solutions for subscriber interiors include Corning ClearCurve invisible drop cable. This 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



# Programs and Resources

See the Light® Fiber Optic Training  
Authorized Distributors  
Technical Support



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.

Check out our programs page for more information.  
[corning.com/loyalty-programs](https://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 [corning.com/opcomm/stl](http://corning.com/opcomm/stl) for a full list of our training offerings.

## Webinar Series

Stay current with the See the Light® webinar series, our monthly offering focused on specific topics impacting networks today. Participate in these one-hour live webinars to connect in real-time with Corning experts, or catch up on the webinar recordings at your convenience.

To find the full list of available webinars, visit:

[corning.com/opcomm/webinars](http://corning.com/opcomm/webinars)

## Instructor-Led Classes and Seminars

If it's classroom training that you feel is most valuable, our instructor-led courses are for you. We cover product and solution introductions, in-depth installation training, and classes focused on designing networks and specifying products. These classes range from two to three hours to multiday hands-on training sessions, each led by field instructors and experts who understand the needs of industry professionals.

To view our hands-on seminar schedule visit:

[corning.com/opcomm/seminars](http://corning.com/opcomm/seminars)

To view our multiday design and installation training courses visit:

[corning.com/opcomm/designandinstall](http://corning.com/opcomm/designandinstall)

## Online Learning

We understand that classroom training is not always an option. Distributors in Central American and Latin American regions have access to all trainings that are offered in the United States.

Email [stlinfo@corning.com](mailto:stlinfo@corning.com) to access U.S. trainings through our See the Light program.

If you are interested in training opportunities specific to your region, please email [marktngcal@corning.com](mailto:marktngcal@corning.com)

## Industry-Approved Courses

Many of our courses and webinars have been approved by industry organizations, making it easy for you to continue your education while earning industry accreditations. Accreditation information can be found within the individual course listings or on our website.

For more information or to sign up to receive email updates on training visit: [corning.com/opcomm/stl](http://corning.com/opcomm/stl)

If you have any questions, email us at [stlinfo@corning.com](mailto:stlinfo@corning.com)



# Authorized Distributors

To meet your requirements, we've nurtured long-term relationships with authorized distributors who stock our products and further support your needs including training, customer needs assessment, logistics, and equipment. Whether you are an end user, contractor, or installer, connect with our authorized distributors and technical support teams about your Corning solution today.

For more information, please visit [corning.com/cala/es/distributors](https://corning.com/cala/es/distributors)



# Technical Support

Your customers and users expect reliable connectivity, and we know it takes more than products to deliver on those expectations. From us, you can expect collaborative global support for your network today to prepare it for emerging applications and services.

Connect with our network professionals at any phase of your project to take advantage of their training, experience, and equipment for a cost-effective, high-quality result. Our experts offer design and training services, technical assistance, and customer support resources.

You may be entering new territory – installing fiber in the horizontal or deploying a converged, all-optical infrastructure – but your application is something we've done before. And if it's a data center you're supporting, let's talk about how we can find more value in your given footprint.

## WE CAN HELP.

[calaeng@corning.com](mailto:calaeng@corning.com)





CORNING

# LET'S CONNECT!

## Customer Service

+55 11 3089 7403 (Brasil)

[cccalabr@corning.com](mailto:cccalabr@corning.com)

+1 828 901-5000 (Internacional)

[ccsamericas@corning.com](mailto:ccsamericas@corning.com)

## Technical Support

[calaeng@corning.com](mailto:calaeng@corning.com)



Corning Optical  
Communications

#FiberToThePeople



Corning Optical  
Communications

@CorningOpComm

Corning Comunicações Ópticas • Estrada do Camorim 633 • CEP 22780-070 • Jacarepaguá Rio de Janeiro, RJ Brasil  
+55 21 3416 5150 • Fax: +55 21 2441 2037 • [www.corning.com/opcomm/csa](http://www.corning.com/opcomm/csa)

Corning Optical Communications reserves the right to improve, enhance, and modify the features and specifications of Corning Optical Communications products without prior notification. A complete listing of the trademarks of Corning Optical Communications is available at [corning.com/opcomm/trademarks](http://corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2020 Corning Optical Communications. All rights reserved. CRR-1231-AEN / January 2020