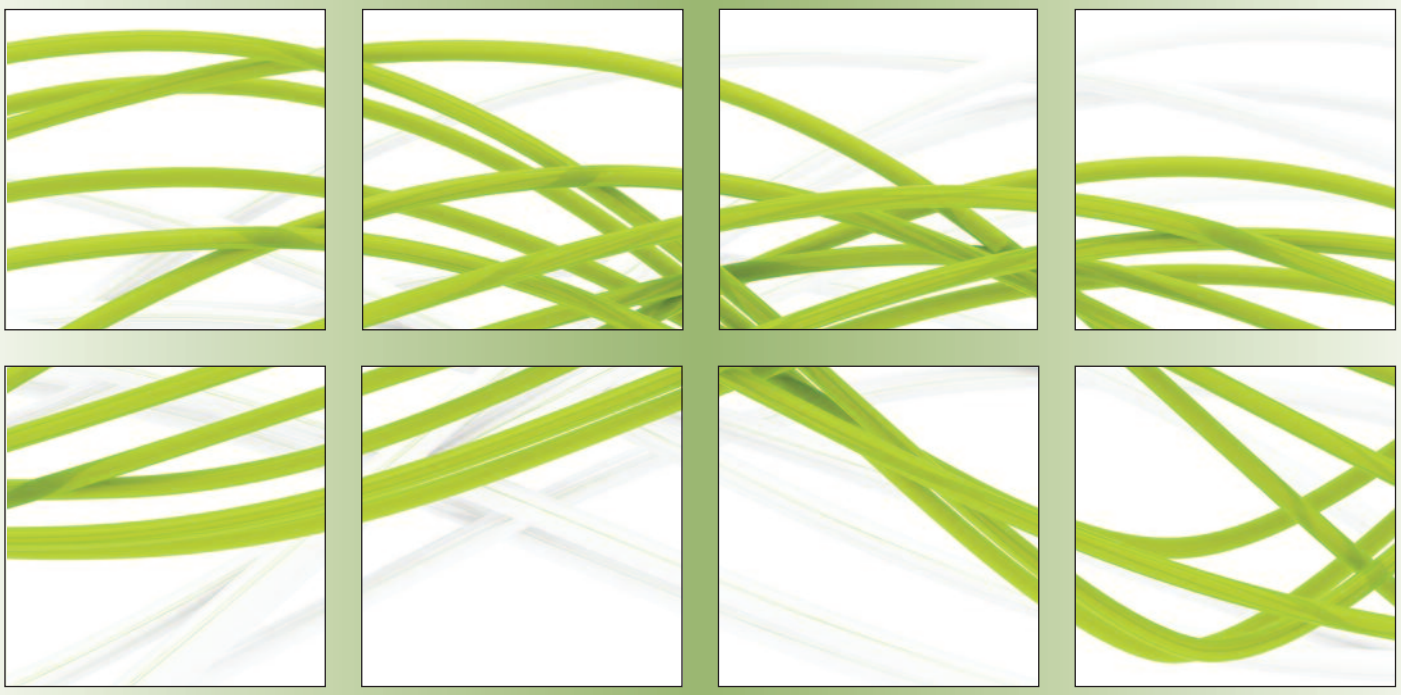
LANscape® Solutions
Fiber Optic Products Catalog

12TH EDITION

preterminated systems | cables | connectors | cable assemblies | hardware



splice closures | test equipment | splice equipment | tools & kits | rentals & training

Total innovation.
Total solution.
Total Corning.

CORNING
LANscape® Solutions

About Corning Cable Systems

Corning Cable Systems, founded in 1977, is a leading manufacturer of fiber optic products for voice, data and video communications applications. Headquartered in Hickory, North Carolina, Corning Cable Systems is owned by Corning Incorporated, headquartered in Corning, New York.

LANscape® Solutions

Corning Cable Systems LANscape Solutions are a complete approach to fiber cabling solutions for enterprise networks. Including a complete tip-to-tip product offering and design-through-operation services, LANscape Solutions ensure the successful and efficient implementation of a fiber network that will serve as a stable communications infrastructure for many years to come.

Corning Cable Systems maintains its commitment to customers and products through many customer support programs. When a fiber optic system is installed by a certified member company of its Network of Preferred Installers Program, Corning Cable Systems warrants LANscape Fiber Optic Cabling Solutions for a full 25 years through the Extended Warranty℠ Program. The Consultant LinkUp℠ Program provides information on Corning Cable Systems cabled fiber solutions and industry information to top-level consultants and designers nationwide.

Product Lines

The broad scope of Corning Cable Systems' product lines permits one-stop shopping. Fiber optic products include pre-terminated systems for both data center and LAN applications, outdoor cables, indoor flame-retardant cables, indoor/outdoor cables, field-installable connectors, connecting hardware, patch cords, splice equipment and test equipment, as well as engineering services and training. An extensive, nationwide distribution system with a large inventory ensures that Corning Cable Systems products are ready for immediate delivery.

Total Quality Commitment

Corning Cable Systems is dedicated to providing Total Quality products and services to customers before, during and after the sale. This long-term commitment to quality begins with executive endorsement and continues throughout the organization. Corning Cable Systems has received numerous quality supplier awards from customers and is TL-9000 registered.

We are also a recipient of the Award of Excellence from the International Customer Service Association.

Corning Cable Systems Quality Policy states: It is the policy of Corning Cable Systems to achieve Total Quality performance in meeting the requirements of external and internal customers. Total Quality performance means understanding who the customer is, what the requirements are, and meeting those requirements without error, on time, every time.

Industry Leadership

Corning Cable Systems has contributed extensively to the fiber optic industry since its inception. Today, we are the largest manufacturer of fiber optic cables in the United States. Our contributions include:

- *Pioneer of the loose tube cable design, now recognized as an industry standard for outside plant use*
- *Pioneer of the tight-buffered cable design, and the first to manufacture high-fiber-count, NEC®-listed, tight-buffered cables*
- *Development of the industry's first truly field-installable fiber optic connector with an assembly time under five minutes, as well as the first high-performance field termination requiring no epoxy and no polishing*
- *Provider of the industry's first fiber optic network cabling design guide and training course for enterprise networks communications systems*
- *Development of a complete fiber-to-the-desktop cable system solution consisting of fiber cables, outlets and cross-connect hardware*
- *Development of the industry's first commercial single-mode optical time domain reflectometer (OTDR)*
- *Pioneer of the development of prewired optical hardware for system interconnection*
- *Invention of the first fully preterminated cabling systems for enterprise networks*
- *Introduced the first field-installable, no-epoxy/no-polish 12-fiber connector (UniCam® MTP® Connector)*
- *Patented the TBII® Buffered Fiber, a slip layer that allows easy removal of the buffering for splicing or connectorization, in all Corning Cable Systems tight-buffered cables*
- *First to offer optical fiber cables designed to meet emerging Gigabit Ethernet applications*
- *Revolutionized data center design with Pretium EDGE™ Solutions, offering 100 percent more density, 35 percent faster installations, and 25 percent faster moves, adds and changes than traditional systems*

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customer service: 800.743.2675

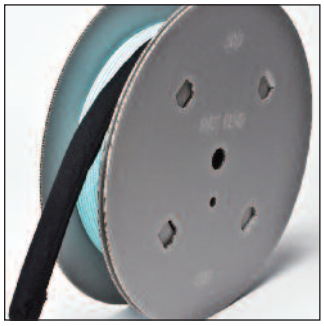
www.corning.com/cablesystems

Pretium EDGE™ Solutions

Pretium EDGE™ Solutions are high-density preterminated optical cabling solutions that simplify installation and improve performance in the data center environment.

- *Revolutionary drawer-style hardware offers unprecedented finger access while achieving the highest port density in the market*
- *High-density trunk cables enable tighter trunk cable bends for slack storage and routing*
- *Low insertion loss performance allows for more connections in a link when deploying a TIA-942-compliant system*
- *Custom engineered harness assemblies provide seamless integration into the most common SAN directors*

Pretium EDGE Solutions products are packaged in up to 60 percent recycled material, and the packaging is 100 percent recyclable.



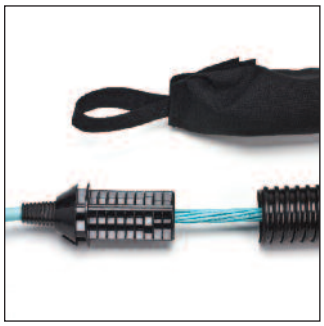
Pretium EDGE Solutions Components

Trunks

Pretium EDGE Solutions trunks are available in 12-fiber increments from 12 to 144 fibers. Trunks are terminated on each end with MTP® Connectors. The trunk pulling grip provides complete connector protection and is built to withstand 100 lb of force for duct applications. The small-profile furcation plug allows installation of all fiber counts inside a 1U housing. Trunks contain Corning® ClearCurve® optical fiber, enabling a bend radius of five times the cable outside diameter and allowing for smaller slack storage coils or loops. Plenum-rated.

Extender Trunks

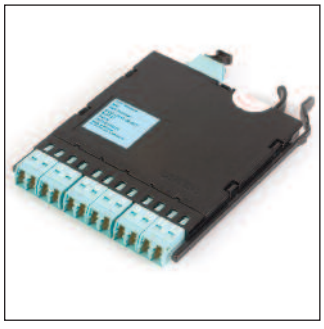
Pretium EDGE Solutions extender trunks are used to extend the Pretium EDGE Solutions trunk cables to other areas in the infrastructure. Extender trunks are designed to mate with the Pretium EDGE Solutions trunk at one end and to a Pretium EDGE Solutions module or harness. Plenum-rated.



Both Pretium EDGE Solutions trunks and extender trunks are packaged on a plastic corrugated reel for easy installation. This reel can be easily broken down for cost-effective disposal.

Modules

Pretium EDGE Solutions modules are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC connectors to facilitate patching into system equipment ports or patch panels. The module features VFL-compatible, shuttered LC port adapters across the front and an MTP Connector adapter in the back. Pretium EDGE Solutions modules are housed at the front of the housing and may be installed or removed from either the front or rear. As future connectivity requirements change, modules can be easily exchanged to meet those needs, while leaving the existing trunk cable infrastructure in place.



Pretium EDGE™ Solutions Components (continued)

Harnesses

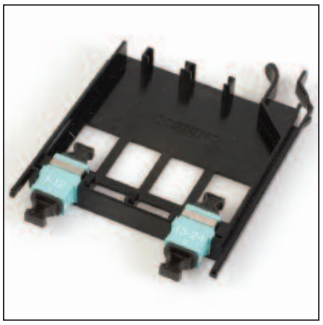
Pretium EDGE Solutions harnesses are used to break out the 12-fiber MTP® Connectors terminated on trunk cables into LC connectors. Utilizing MTP and LC uniboot connector technology, Pretium EDGE Solutions harnesses reduce cable congestion in front of the SAN director. Available in two lengths, short harnesses allow for minimal cable slack and longer harness legs allow flexibility to mount the hardware and electronics anywhere within the same cabinet. Use of harnesses provides a solution that occupies less space than traditional jumpers, as the cable end of the harness is much smaller than the six equivalent patch cords. Plenum-rated.

Jumpers

Pretium EDGE Solutions jumpers are integrated uniboot duplex assemblies with a highly flexible, 2-fiber interconnect cable that reduces cable congestion, improves jumper management and routing and improves air circulation. Enabled by Corning® ClearCurve® multimode optical fiber, Pretium EDGE Solutions jumpers feature ultra-bendable performance and accommodate a minimum bend radius of 10 mm with minimal bend-induced attenuation loss. Riser-rated.

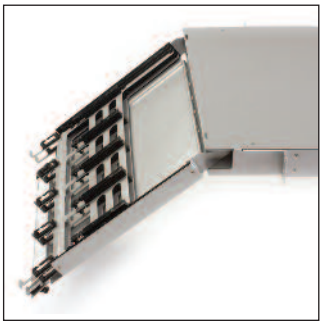
MTP Connector Panels

Pretium EDGE Solutions MTP Connector Panels are used to provide a convenient interconnect point between the trunk cables and harness. Housed within the front of the 1U or 4U housings, the panels may be installed or removed from either the front or rear direction.



Housings

Pretium EDGE Solutions housings are available in both 1U and 4U sizes and mount in 19-in racks or cabinets. The Pretium EDGE Solutions 4U housing contains a port density of 576 fibers, with 12 individually sliding trays that can accommodate as many as four 12-fiber modules per tray, resulting in improved finger access to connectors without compromising the optical connectivity of other ports. Front jumper management guides on each tray allow jumpers to be routed to the left or right. External jumper routing guides facilitate proper slack management to ensure drawer movement.



Pretium EDGE™ Solutions

Specifications

Insertion Loss (dB) Max	LANscape® Pretium® 300 Solutions with Corning® ClearCurve® Optical Fiber (OM3)	LANscape Pretium 550 Solutions with ClearCurve Optical Fiber (OM4)	Ultra-Bendable Single-Mode Optical Fiber (OS2)
Connected Mated Pairs			
LC	0.15	0.15	0.5
MTP® Connector	0.35	0.35	0.75
Modules/Harnesses			
LC	0.5	0.5	1.3

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-1141-EN**

Ordering Information

OM3 Part Number	OM4 Part Number	OS2 Part Number	Description

Note: MMF = multimode fiber; OM3 = Pretium 300 Laser-Optimized MMF; OM4 = Pretium 550 Laser-Optimized MMF; OS2 = Ultra-Bendable Single-Mode Fiber.

Pretium EDGE™ Solutions Trunks

Complete the part number by entering the trunk length **in feet**: 030, 040, 050, 060, 070, 080, 090, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190 or 200. Trunks have non-pinned MTP® Connectors on both ends, 33-in leg lengths. Part numbers shown below have a pulling grip on one end of the trunk. For other options, please consult the detailed specifications and information document referenced above.

G757512TPNDDU _ _ _ F	**G757512QPNDDU _ _ _ F**	**G909012GPNDDU _ _ _ F**	12-fiber trunk
G757524TPNDDU _ _ _ F	**G757524QPNDDU _ _ _ F**	**G909024GPNDDU _ _ _ F**	24-fiber trunk
G757536TPNDDU _ _ _ F	**G757536QPNDDU _ _ _ F**	**G909036GPNDDU _ _ _ F**	36-fiber trunk
G757548TPNDDU _ _ _ F	**G757548QPNDDU _ _ _ F**	**G909048GPNDDU _ _ _ F**	48-fiber trunk
G757572TPNDDU _ _ _ F	**G757572QPNDDU _ _ _ F**	**G909072GPNDDU _ _ _ F**	72-fiber trunk
G757596TPNDDU _ _ _ F	**G757596QPNDDU _ _ _ F**	**G909096GPNDDU _ _ _ F**	96-fiber trunk
G7575E4TPNDDU _ _ _ F	**G7575E4QPNDDU _ _ _ F**	**G9090E4GPNDDU _ _ _ F**	144-fiber trunk

Pretium EDGE Solutions Extender Trunks

Complete the part number by entering the trunk length **in feet**: 030, 040, 050, 060, 070, 080, 090, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190 or 200. Trunks have a pinned MTP Connector on one end and a non-pinned MTP Connector on the other end, 60- and 33-in leg lengths. Part numbers shown below have a pulling grip on one end of the trunk. For other options, please consult the detailed specifications and information document referenced above.

G937512TPNCDX _ _ _ F	**G937512QPNCDX _ _ _ F**	**G899012GPNCDX _ _ _ F**	12-fiber trunk
G937524TPNCDX _ _ _ F	**G937524QPNCDX _ _ _ F**	**G899024GPNCDX _ _ _ F**	24-fiber trunk
G937536TPNCDX _ _ _ F	**G937536QPNCDX _ _ _ F**	**G899036GPNCDX _ _ _ F**	36-fiber trunk
G937548TPNCDX _ _ _ F	**G937548QPNCDX _ _ _ F**	**G899048GPNCDX _ _ _ F**	48-fiber trunk
G937572TPNCDX _ _ _ F	**G937572QPNCDX _ _ _ F**	**G899072GPNCDX _ _ _ F**	72-fiber trunk
G937596TPNCDX _ _ _ F	**G937596QPNCDX _ _ _ F**	**G899096GPNCDX _ _ _ F**	96-fiber trunk
G9375E4TPNCDX _ _ _ F	**G9375E4QPNCDX _ _ _ F**	**G8990E4GPNCDX _ _ _ F**	144-fiber trunk

Pretium EDGE Solutions Modules

All Pretium EDGE Solutions modules use pinned MTP Adapters.

ECM-UM12-05-93T	**ECM-UM12-05-93Q**	**ECM-UM12-04-89G**	12-fiber module, LC duplex adapters

(continued)

Ordering Information (continued)

OM3 Part Number	OM4 Part Number	OS2 Part Number	Description

Note: OM3 = Pretium® 300 Laser-Optimized MMF; OM4 = Pretium 550 Laser-Optimized MMF; OS2 = Ultra-Bendable Single-Mode Fiber.

Pretium EDGE™ Solutions Harnesses

All Pretium EDGE Solutions harnesses use pinned MTP® Connectors.

H937912TPH-1Z007F	**H937912QPH-1Z007F**	**H897812GPH-1Z007F**	Short harness, MTP Connector to LC, Cisco MDS 9513, 9509 and 9506 stagger
H937912TPH-1Z010F	**H937912QPH-1Z010F**	**H897812GPH-1Z010F**	Long harness, MTP Connector to LC, Cisco MDS 9513, 9509 and 9506 stagger
H937912TPH-2Z007F	**H937912QPH-2Z007F**	**H897812GPH-2Z007F**	Short harness, MTP Connector to LC, Brocade 48000, DCX and DCX-4S stagger
H937912TPH-2Z010F	**H937912QPH-2Z010F**	**H897812GPH-2Z010F**	Long harness, MTP Connector to LC, Brocade 48000, DCX and DCX-4S stagger
H937912TPH-3Z007F	**H937912QPH-3Z007F**	**H897812GPH-3Z007F**	Short harness, MTP Connector to LC, Cisco Nexus 7010 and 7018 stagger
H937912TPH-3Z010F	**H937912QPH-3Z010F**	**H897812GPH-3Z010F**	Long harness, MTP Connector to LC, Cisco Nexus 7010 and 7018 stagger
H937912TPH-4Z007F	**H937912QPH-4Z007F**	**H897812GPH-4Z007F**	Short harness, MTP Connector to LC, uniform 6-in LC legs
H937912TPH-4Z010F	**H937912QPH-4Z010F**	**H897812GPH-4Z010F**	Long harness, MTP Connector to LC, uniform 6-in LC legs

Pretium EDGE Solutions Jumpers

Complete the part number by entering the jumper length **in meters**: 001, 003, 005, 007 or 010.

797902TD120 _ _ _ M	**797902QD120 _ _ _ M**	**787802GD120 _ _ _ M**	2-fiber low-loss jumper, LC uniboot duplex to LC uniboot duplex

Pretium EDGE Solutions MTP Connector Panels

EDGE-CP24-E3	**EDGE-CP24-E3**	**EDGE-CP24-90**	24-fiber MTP Connector panel
EDGE-CP48-E3	**EDGE-CP48-E3**	**EDGE-CP48-90**	48-fiber MTP Connector panel

Part Number	Description

Pretium EDGE Solutions Housings

EDGE-04U	4U Pretium EDGE Solutions Housing, rack mount
EDGE-01U	1U Pretium EDGE Solutions Housing, rack mount

Accessories

2104466-01	MTP Connector and Port Cleaning Tool
CLEANER-PORT-LC	LC Connector and Port Cleaning Tool
EDGE-RLB-WT	Installation Kit for wire cable tray; 1U and 4U

Plug & Play™ Universal Systems

Plug & Play™ Universal Systems are preterminated optical fiber cabling systems designed to dramatically improve performance for the increasing demand for high speeds in data center LAN/SAN, enterprise building backbone and fiber-to-the-desk applications.

- *Components consist of preterminated cable trunks and extender trunks, harnesses, modules and jumpers*
- *Universal wired modular system components enable moves, adds and changes (MACs) without polarity concerns*
- *100G Ready performance ensures Plug & Play Universal Systems will meet the requirements of 100G Ethernet applications*
- *Maximum skew of 0.75 ns ensures Plug & Play Universal Systems work in parallel optic applications for Ethernet, Fibre Channel and InfiniBand*

Plug & Play Universal Systems Components

Trunks

Plug & Play Universal Systems trunks are available in 12-fiber increments from 12 to 144 fibers. Trunks are terminated on each end with MTP® Connectors. The trunk pulling grip provides unsurpassed connector protection and is built to withstand 100 lb of force for duct applications. The small-form-factor furcation plug mechanically joins the trunk cable and furcation legs, providing strain-relief, and is designed to integrate easily into Corning Cable Systems hardware. Plenum-rated.

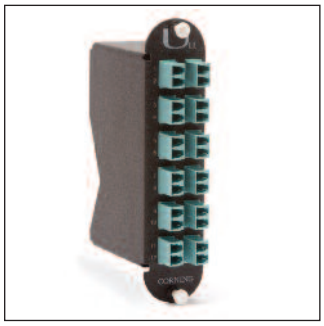
Extender Trunks

Plug & Play Universal Systems extender trunks are used to distribute portions, or all, of the fibers in a Plug & Play Universal Systems trunk to other areas in the infrastructure. Extender trunks are designed to mate with the Plug & Play Universal Systems trunk at one end and to a Plug & Play Universal Systems module or an MTP adapter panel. Plenum-rated.

Both Plug & Play Universal Systems trunks and extender trunks are available in hybrid connector options. These hybrids are terminated with MTP Connectors on one end and LC or SC connectors on the other end for applications requiring one end of the trunk to connect directly into system equipment or patch panels.

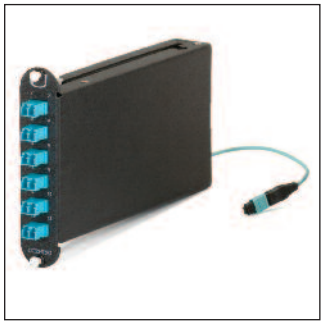
Modules

Plug & Play Universal Systems modules are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC or SC duplex connectors to facilitate patching into system equipment ports, patch panels or work area outlets. Modules feature LC or SC duplex port adapters across the front and one or two MTP Connector adapters across the back. Available with 12-fiber configurations for SC duplex connectors and 12 or 24-fiber configurations for LC duplex connectors. As future connectivity requirements change, modules can be easily exchanged to meet those needs, while leaving the existing trunk cable infrastructure in place.



Integrated Trunk Modules

Plug & Play Universal Systems Integrated Trunk Modules are preterminated 12-fiber MTP Connector trunk assemblies integrated into a Plug & Play Universal Systems module. The trunk cable stored within the module is easily deployed to an exact length, so precise pre-planning of cable length is not required. Slack is also stored within the module body. An internal strain-relief bracket and boot are provided for strain-relief and bend-radius protection. Available with 12-fiber configurations for SC and LC duplex connectors. Integrated Trunk Modules are only compatible with certain Corning Cable Systems rack-mount housings (part numbers provided under Ordering Information).



Plug & Play™ Universal Systems Components (continued)

Harnesses

Plug & Play Universal Systems harnesses are used to break out the 12-fiber MTP® Connectors terminated on trunk cables into duplex-style connectors. The assembly uses a round plenum-rated interconnect cable with a small outside diameter which allows for easy routing without preferential bend concerns. The LC and SC duplex connectors are terminated on 2.0 mm legs in a range of lengths, providing a rugged solution where up-jacketed legs are needed for direct installation into system electronics. Use of harnesses provide a solution that occupies less space than traditional jumpers, as the cable end of the harness is much smaller than the equivalent six 2-fiber patch cords. Plenum-rated.

Jumpers

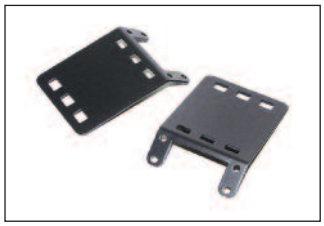
Corning Cable Systems offers the most complete line of connectors and factory-terminated cables, including low-loss jumpers to meet or exceed all industry standards for reflectance and insertion loss. Plenum-rated.

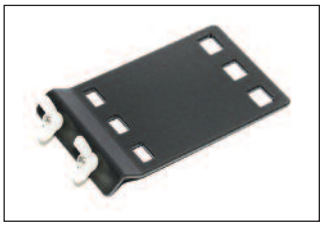
96-Fiber Shelf

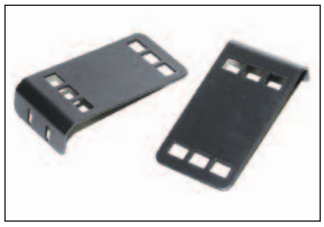
Plug & Play Universal Systems 96-Fiber Shelf is a 1U preterminated shelf that achieves maximum density in a 1U rack space, terminating 96 fibers with LC duplex connectors across the front and eight MTP Connectors across the back. The angled panel design allows for high density with ample space for hand access to each connector port and the sliding drawer provides full frontal access to the shelf, while the tilt feature and port identification allow clear line of site to all connectors.

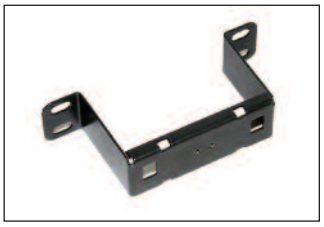
U-Clip Strain-Relief and Accessory Brackets

Mounting of Plug & Play Universal Systems trunks using the integrated U-clip strain-relief feature is available utilizing rack-mountable, wall-mountable and frame-mountable housing strain-relief brackets.



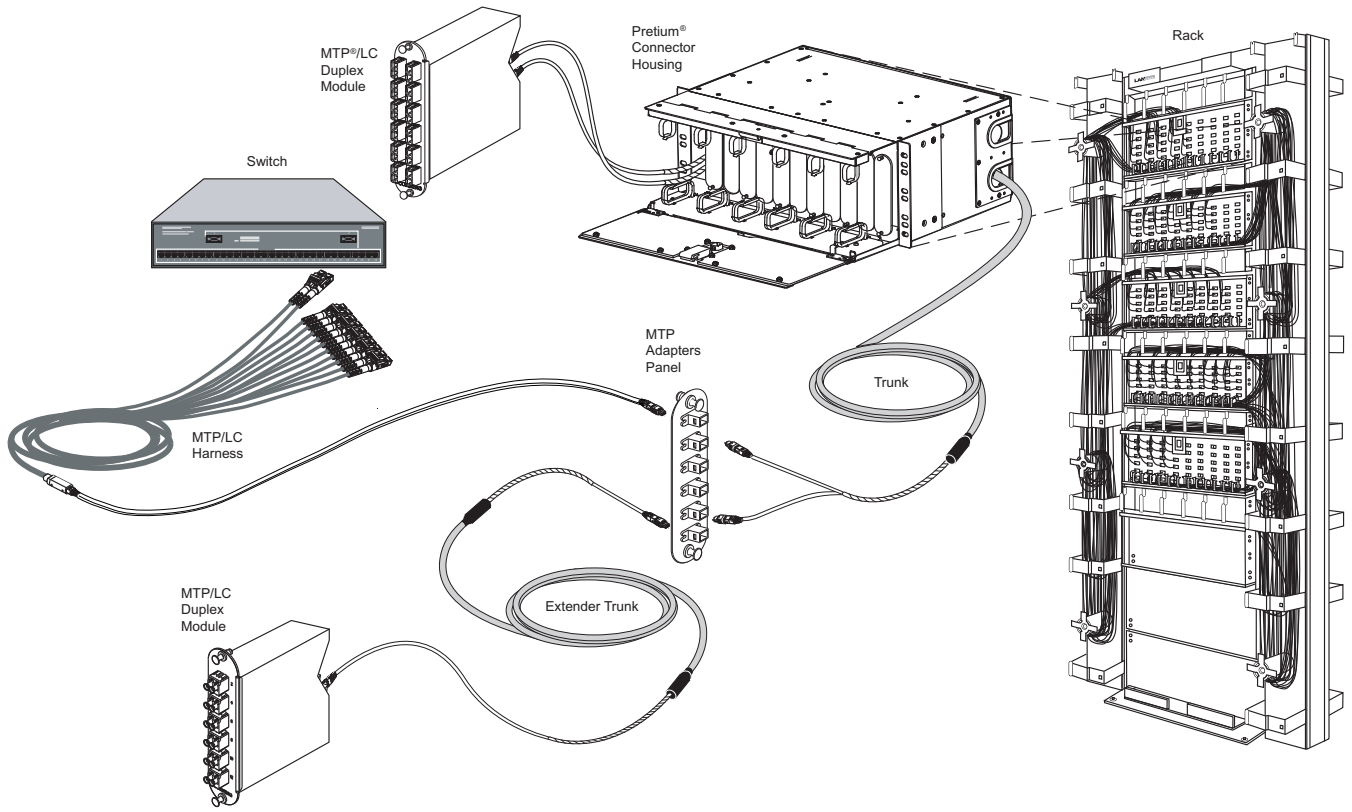






Plug & Play™ Universal Systems

Plug & Play™ Universal Systems Components



Specifications

Insertion Loss (dB)	Single-Mode Standard Performance	62.5 µm Standard Performance	LANscape® Pretium 300 Solutions Standard Performance	LANscape Pretium 300 Solutions Low-Loss Performance	LANscape Pretium 550 Solutions Standard Performance	LANscape Pretium 550 Solutions Low-Loss Performance
Connected Mated Pairs						
LC	0.5	0.25	0.25	0.15	0.25	0.15
SC	0.5	0.25	0.25	0.15	0.25	0.15
MTP Connector	0.75	0.5	0.5	0.35	0.5	0.35
Modules/Harnesses						
LC	1.3	0.75	0.75	0.5	0.75	0.5
SC	1.3	0.75	0.75	0.5	0.75	0.5
Integrated Trunk Module						
LC	1.3	0.75	0.75	–	0.75	–
SC	1.3	0.75	0.75	–	0.75	–

Skew (ns)	Maximum
MTP to MTP MIC® 250 Cable and Ribbon Trunks	0.75 ns at 300 m

Integrated Trunk Module (ITM)

Cable "Trunk" Length*	40, 80, 120, 160, 200 ft
Module Width	1 panel space
Module Insertion Loss Performance†	1.3 dB max (single-mode); 0.75 dB max (multimode)
Hardware Compatibility	PCH-M3-ITM (holds up to 3); CPP-ITM-PNL (holds up to 2); PCH-04U (holds up to 12)

**All ITMs have 40 ft of trunk cable stored inside the ITM and the remaining cable is stored outside of the ITM.*
†Maximum loss of each fiber, single-mode or multimode, measured at 1300 nm.

Plug & Play™ Universal Systems

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Plug & Play™ Universal Systems: **LAN-664-EN**; 96-Fiber Shelf: **LAN-878-EN**; U-Clip Strain-Relief and Accessory Brackets: **LAN-1071-EN**

Ordering Information

Plug & Play Universal Systems are built to customer specifications and therefore have a nearly infinite possibility of configurations. Part numbers for laser-optimized multimode fiber (MMF) options are available below. For single-mode, bend-optimized single-mode or 62.5 µm MMF part numbers, consult the detailed specifications and information documents referenced above.
Note: OM3 = Pretium® 300 Laser-Optimized MMF; OM4 = Pretium 550 Laser-Optimized MMF.

OM3 Part Number	OM4 Part Number	Description

Plug & Play Universal Systems Non-Armored Trunks

Complete the part number by entering the trunk length **in feet** from 001-999. All Plug & Play Universal Systems trunks have non-pinned MTP® Connectors on both ends, 24-in leg lengths. Part numbers shown below have a pulling grip on one end of the trunk. For other options, please consult the detailed specifications and information documents referenced above.

A757512TD8AAU _ _ _ F	**A757512QD8AAU _ _ _ F**	12-fiber trunk
A757524TD8AAU _ _ _ F	**A757524QD8AAU _ _ _ F**	24-fiber trunk
A757536TC8AAU _ _ _ F	**A757536QC8AAU _ _ _ F**	36-fiber trunk
A757548TC8AAU _ _ _ F	**A757548QC8AAU _ _ _ F**	48-fiber trunk
A757572TC8AAU _ _ _ F	**A757572QC8AAU _ _ _ F**	72-fiber trunk
A757596TC8AAU _ _ _ F	**A757596QC8AAU _ _ _ F**	96-fiber trunk
A7575E4TC8AAU _ _ _ F	**A7575E4QC8AAU _ _ _ F**	144-fiber trunk

Plug & Play Universal Systems Interlocking Armored Trunks

Complete the part number by entering the trunk length **in feet** from 001-999. All Plug & Play Universal Systems trunks have non-pinned MTP Connectors on both ends, 24-in leg lengths. Part numbers shown below have a pulling grip on one end of the trunk. For other options, please consult the detailed specifications and information documents referenced above.

A757512TADAAU _ _ _ F	**A757512QADAAU _ _ _ F**	12-fiber trunk
A757524TADAAU _ _ _ F	**A757524QADAAU _ _ _ F**	24-fiber trunk
A757536TCAAAU _ _ _ F	**A757536QCAAAU _ _ _ F**	36-fiber trunk
A757548TCAAAU _ _ _ F	**A757548QCAAAU _ _ _ F**	48-fiber trunk
A757572TCAAAU _ _ _ F	**A757572QCAAAU _ _ _ F**	72-fiber trunk
A757596TCAAAU _ _ _ F	**A757596QCAAAU _ _ _ F**	96-fiber trunk
A7575E4TCAAAU _ _ _ F	**A7575E4QCAAAU _ _ _ F**	144-fiber trunk

Plug & Play Universal Systems Non-Armored Extender Trunks

Complete the part number by entering the trunk length **in feet** from 001-999. All Plug & Play Universal Systems extender trunks have a pinned MTP Connectors on one end and a non-pinned MTP Connector on the other end, 24-in leg lengths. Part numbers shown below have a pulling grip on one end of the trunk. For other options, please consult the detailed specifications and information documents referenced above.

A937512TD8AAX _ _ _ F	**A937512QD8AAX _ _ _ F**	12-fiber extender trunk
A937524TD8AAX _ _ _ F	**A937524QD8AAX _ _ _ F**	24-fiber extender trunk
A937536TC8AAX _ _ _ F	**A937536QC8AAX _ _ _ F**	36-fiber extender trunk
A937548TC8AAX _ _ _ F	**A937548QC8AAX _ _ _ F**	48-fiber extender trunk
A937572TC8AAX _ _ _ F	**A937572QC8AAX _ _ _ F**	72-fiber extender trunk
A937596TC8AAX _ _ _ F	**A937596QC8AAX _ _ _ F**	96-fiber extender trunk
A9375E4TC8AAX _ _ _ F	**A9375E4QC8AAX _ _ _ F**	144-fiber extender trunk

Plug & Play Universal Systems Interlocking Armored Extender Trunks

Complete the part number by entering the trunk length **in feet** from 001-999. All Plug & Play Universal Systems extender trunks have a pinned MTP Connector on one end and a non-pinned MTP Connector on the other end, 24-in leg lengths. Part numbers shown below have a pulling grip on one end of the trunk. For other options, please consult the detailed specifications and information documents referenced above.

A937512TADAAX _ _ _ F	**A937512QADAAX _ _ _ F**	12-fiber extender trunk
A937524TADAAX _ _ _ F	**A937524QADAAX _ _ _ F**	24-fiber extender trunk
A937536TCAAAX _ _ _ F	**A937536QCAAAX _ _ _ F**	36-fiber extender trunk
A937548TCAAAX _ _ _ F	**A937548QCAAAX _ _ _ F**	48-fiber extender trunk
A937572TCAAAX _ _ _ F	**A937572QCAAAX _ _ _ F**	72-fiber extender trunk
A937596TCAAAX _ _ _ F	**A937596QCAAAX _ _ _ F**	96-fiber extender trunk
A9375E4TCAAAX _ _ _ F	**A9375E4QCAAAX _ _ _ F**	144-fiber extender trunk

If you require a hybrid trunk or extender trunk, please consult the detailed specifications and information documents referenced above.

(continued)

Plug & Play™ Universal Systems

Ordering Information (continued)

Part numbers for laser-optimized multimode fiber (MMF) options are available below. For single-mode, bend-optimized single-mode or 62.5 µm MMF part numbers, please consult the detailed specifications and information documents referenced on page 9.
Note: OM3 = Pretium® 300 Laser-Optimized MMF; OM4 = Pretium 550 Laser-Optimized MMF.

OM3 Part Number	OM4 Part Number	Description

Plug & Play™ Universal Systems Modules

All Plug & Play Universal Systems modules use pinned MTP® Adapters.

CCH-UM-12-05-93-T	**CCH-UM-12-05-93-Q**	12-fiber module, LC duplex adapters
CCH-UM-24-05-93-T	**CCH-UM-24-05-93-Q**	24-fiber module, LC duplex adapters
CCH-UM-12-57-93-T	**CCH-UM-12-57-93-Q**	12-fiber module, SC duplex adapters

Keyed LC solutions are also available. Visit www.corning.com/cablesystems and enter the literature code LAN-701-EN into the search engine for detailed information, or contact Corning Cable Systems Customer Service at 800-743-2675.

Plug & Play Universal Systems Harnesses

Complete the part number by entering the harness length **in feet** from 001-999. All Plug & Play Universal Systems harnesses use pinned MTP Connectors, 24-in leg lengths.

H930512TE8-KZ _ _ _ F	**H930512QE8-KZ _ _ _ F**	Harness, MTP Connector to LC
H935712TE8-KZ _ _ _ F	**H935712QE8-KZ _ _ _ F**	Harness, MTP Connector to SC

Plug & Play Universal Systems Jumpers

Complete the part number by entering the jumper length **in feet** from 001-999.

Low-loss jumpers are required to guarantee system low-loss performance.

Standard Loss Jumper

C050502T5120 _ _ _ F	**C050502Q5120 _ _ _ F**	2-fiber, LC duplex to LC duplex
C575702T5120 _ _ _ F	**C575702Q5120 _ _ _ F**	2-fiber, SC duplex to SC duplex

Low-Loss Jumper

E050502T5120 _ _ _ F	**E050502Q5120 _ _ _ F**	2-fiber, LC duplex to LC duplex
E575702T5120 _ _ _ F	**E575702Q5120 _ _ _ F**	2-fiber, SC duplex to SC duplex

Standard Loss Reference Jumper

C030301T2180 _ _ _ F	**C030301Q2180 _ _ _ F**	2-fiber, LC duplex to LC duplex
C393901T2180 _ _ _ F	**C393901Q2180 _ _ _ F**	2-fiber, SC duplex to SC duplex

Low-Loss Reference Jumper

E030301T2180 _ _ _ F	**E030301Q2180 _ _ _ F**	2-fiber, LC duplex to LC duplex
E393901T2180 _ _ _ F	**E393901Q2180 _ _ _ F**	2-fiber, SC duplex to SC duplex

MTP Connector

939312TJ831 _ _ _ F	–	Pinned MTP Connector to pinned MTP Connector jumper
757512TJ831 _ _ _ F	–	Non-pinned MTP Connector to non-pinned MTP Connector jumper
759312TJ831 _ _ _ F	–	Non-pinned MTP Connector to pinned MTP Connector jumper

Plug & Play Universal Systems Integrated Trunk Modules (ITM)

Complete the part number by entering the jumper length **in feet**: 040, 080, 120, 160, 200.

ITMU-12-0570T- _ _ _ F	**ITMU-12-0570Q- _ _ _ F**	ITM, LC duplex, pinned MTP Connector
ITMU-12-0569T- _ _ _ F	**ITMU-12-0569Q- _ _ _ F**	ITM, LC duplex, non-pinned MTP Connector
ITMU-12-5770T- _ _ _ F	**ITMU-12-5770Q- _ _ _ F**	ITM, SC duplex, pinned MTP Connector
ITMU-12-5769T- _ _ _ F	**ITMU-12-5769Q- _ _ _ F**	ITM, SC duplex, non-pinned MTP Connector

Plug & Play Universal Systems 96-Fiber Shelf

HD1A-U96-05-93T	**HD1A-U96-05-93Q**	96-Fiber Shelf, LC duplex, pinned MTP Connector

Part Number	Description

ITM Compatible Rack-Mountable Housings

CPP-ITM-PNL	LANscape® Solutions Panel, 1U tall, accepts two ITMs
PCH-M3-01U	Pretium Connector Housing, 1U tall, accepts up to three ITMs
PCH-04U	Pretium Connector Housing, 4U tall, accepts up to 12 ITMs

Accessories

CLEANER-PORT-2.5	Single-Fiber Port Cleaner for 2.5 mm ferruled connectors such as SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner for LC, keyed LC and MU
PC1-RJ-STR	1U Strain-Relief Brackets for PCH-01U; two per pack
PC2-STRN	2U Strain-Relief Bracket for PCH-02U
PC4-RJ-STR	4U Strain-Relief Brackets for PCH-04U; two per pack
PWH-RJSR	Exterior Strain-Relief Brackets for PWH-02P, PWH-04P, PWH-06P and PWH-12P; two per pack
CDF-RJ-BKT	Frame-Mountable Strain-Relief Brackets; two per pack

If you require more information on Pretium hardware, see page 51.

Additional accessories and strain-relief brackets are available. View the detailed specifications and information documents referenced on page 9.

Plug & Play™ AnyLAN™ Systems

Plug & Play™ AnyLAN™ Systems are preterminated local area network cabling solutions with the flexibility to be configured in various network topologies for both indoor and outdoor environments.

- *Preterminated cabling solution installs up to 50 percent faster per splice or termination point than traditional field installations*
- *Factory-tested system components provide quick, reliable installation*
- *Flexible configurations offer various network options for both indoor and outdoor applications*

Plug & Play AnyLAN Systems Architectures and Components

Direct Trunk Solution for Point-to-Point Architecture

Primary Component: Direct Trunk

Recommended Accessories:
- Zeux™ Panel Assembly
- Integrated Single Panel Housing
- Integrated 1U Housing
- OptiTip® MT Connector Harness Assembly

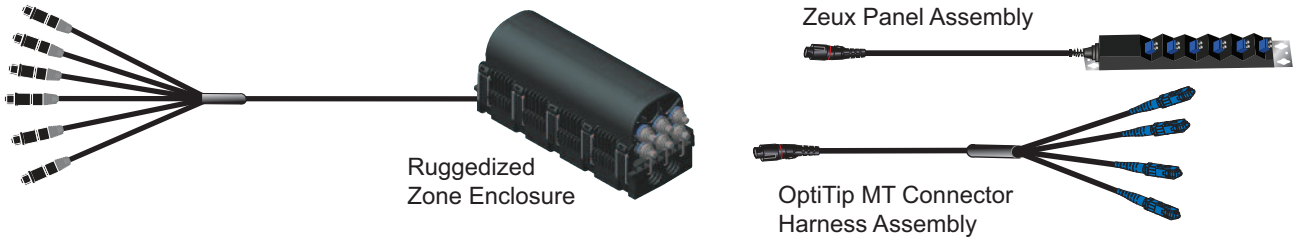
Direct Trunk Solution for Point-to-Point Architecture

Ruggedized Zone Enclosure for Point-to-Multipoint Architecture

Primary Component: Ruggedized Zone Enclosure (pigtail or preterminated MTP® Trunk cable options)

Recommended Accessories:
- Zeux Panel Assembly
- OptiTip MT Connector Harness Assembly

Ruggedized Zone Enclosure for Point-to-Multipoint Architecture



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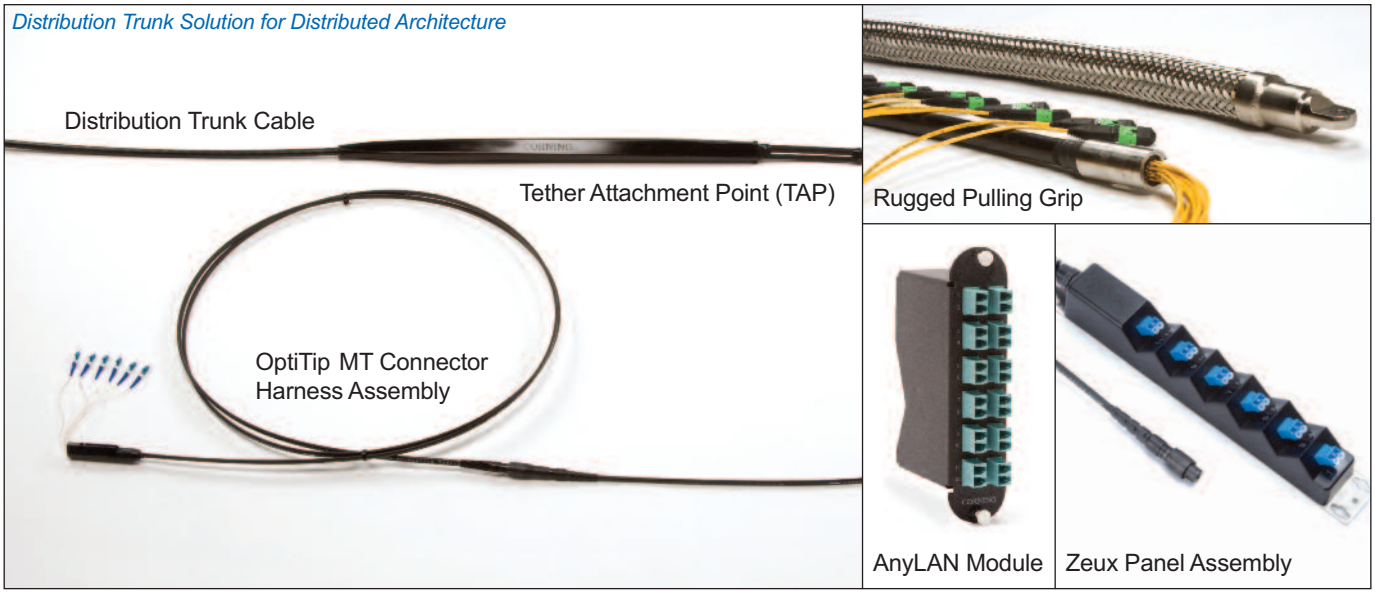
Plug & Play™ AnyLAN™ Systems

Plug & Play™ AnyLAN™ Systems Architectures and Components (continued)

Distribution Trunk Solution for Distributed Architecture	**Primary Component:**	Distribution Trunk Cable (pigtail or preterminated MTP® Trunk cable options)
	Recommended Accessories:	• Distribution System Tether Attachment Points (TAPs) • Rugged Pulling Grip • Zeux™ Panel Assembly • OptiTip® MT Connector Harness Assembly • AnyLAN Module

Distribution Trunk Solution for Distributed Architecture



Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -30° to +70°C (-22° to +158°F); Inside: -10° to +60°C (+14° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Design and Test Criteria	GR-3122, GR-771, GR-3152; Additional Inside Tests: IP 69K, IP 68 - OptiTip Connector only

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-731-EN**

Ordering Information

Plug & Play AnyLAN Systems are built to customer specifications and therefore a variety of configurations are possible. Part numbers for 50 µm laser-optimized multimode fiber (MMF) and single-mode options are available below. For other options, consult the detailed specifications and information document referenced above.
Note: OM3 = Pretium® 300 MMF; OS2 = Single-Mode.

OM3 Part Number	OS2 Part Number	Description
Plug & Play AnyLAN Systems Direct Trunk		
Complete the part number by entering fiber count: 06 or 12, and trunk length **in feet**: 050, 100, 250, 500, 1000 (A00), 1500 (F00), 2000 (K00) or 2500 (P00).		
M3M3 _ _ TB4D1E _ _ _ F-P	**M1M1 _ _ EB4D1E _ _ _ F-P**	Non-pinned to non-pinned OptiTip MT Connector, SST-Drop™ Outdoor Cable
M3M3 _ _ TBZD1X _ _ _ F-P	**M1M1 _ _ EBZD1X _ _ _ F-P**	Non-pinned to non-pinned OptiTip MT Connector, FREEDM® Cable

(continued)

Ordering Information (continued)

Part numbers for 50 µm laser-optimized multimode fiber (MMF) and single-mode options are available below. For other options, consult the detailed specifications and information document referenced on page 12.
Note: OM3 = Pretium® 300 MMF; OS2 = Single-Mode.

OM3 Part Number	OS2 Part Number	Description

AnyLAN™ Ruggedized Zone Enclosure

Complete the part number by entering fiber count: 12, 24, 36, 48, 72 or 96, and cable length **in feet**: ≤ 15,000.

6 Fibers per Port

RZ-007006 _ _ TW4 _ _ _ _ _ F	**RZ-007706 _ _ EW4 _ _ _ _ _ F**	Pigtail, ALTOS® All-Dielectric Cable, pinned OptiTip® MT Connector
RZ-007006 _ _ TWF _ _ _ _ _ F	**RZ-007706 _ _ EWF _ _ _ _ _ F**	Pigtail, FREEDM® Cable, pinned OptiTip MT Connector
RZ-007006 _ _ TWZ _ _ _ _ _ F	**RZ-007706 _ _ EWZ _ _ _ _ _ F**	Pigtail, Industrial LSZH™ Single-Jacket Cable, pinned OptiTip MT Connector
RZ-697006 _ _ TW4 _ _ _ _ _ F	**RZ-767706 _ _ EW4 _ _ _ _ _ F**	ALTOS All-Dielectric Cable, non-pinned to pinned OptiTip MT Connector
RZ-697006 _ _ TWF _ _ _ _ _ F	**RZ-767706 _ _ EWF _ _ _ _ _ F**	FREEDM Cable, non-pinned to pinned OptiTip MT Connector
RZ-697006 _ _ TWZ _ _ _ _ _ F	**RZ-767706 _ _ EWZ _ _ _ _ _ F**	Industrial LSZH Single-Jacket Cable, non-pinned to pinned OptiTip MT Connector

12 Fibers per Port

RZ-007012 _ _ TW4 _ _ _ _ _ F	**RZ-007712 _ _ EW4 _ _ _ _ _ F**	Pigtail, ALTOS All-Dielectric Cable, pinned OptiTip MT Connector
RZ-007012 _ _ TWF _ _ _ _ _ F	**RZ-007712 _ _ EWF _ _ _ _ _ F**	Pigtail, FREEDM Cable, pinned OptiTip MT Connector
RZ-007012 _ _ TWZ _ _ _ _ _ F	**RZ-007712 _ _ EWZ _ _ _ _ _ F**	Pigtail, Industrial LSZH Single-Jacket Cable, pinned OptiTip MT Connector
RZ-697012 _ _ TW4 _ _ _ _ _ F	**RZ-767712 _ _ EW4 _ _ _ _ _ F**	ALTOS All-Dielectric Cable, non-pinned to pinned OptiTip MT Connector
RZ-697012 _ _ TWF _ _ _ _ _ F	**RZ-767712 _ _ EWF _ _ _ _ _ F**	FREEDM Cable, non-pinned to pinned OptiTip MT Connector
RZ-697012 _ _ TWZ _ _ _ _ _ F	**RZ-767712 _ _ EWZ _ _ _ _ _ F**	Industrial LSZH Single-Jacket Cable, non-pinned to pinned OptiTip MT Connector

Fiber Capacity Per Port

Cable Stub	2 Ports	3 Ports	4 Ports	5 Ports	6 Ports	8 Ports
12	6	–	–	–	–	–
24	12	–	6	–	–	–
36	–	12	–	–	6	–
48	–	–	12	–	–	6
60	–	–	–	12	–	–
72	–	–	–	–	12	–
96	–	–	–	–	–	12

OM3 Part Number	OS2 Part Number	Description

Plug & Play™ AnyLAN Systems Distribution Trunk Cables

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096 or 144.

FNAP-CBL- _ _ _ TW4	**FNAP-CBL- _ _ _ EW4**	ALTOS All-Dielectric Cable
FNAP-CBL- _ _ _ TWF	**FNAP-CBL- _ _ _ EWF**	FREEDM Cable
FNAP-CBL- _ _ _ TWZ	**FNAP-CBL- _ _ _ EWZ**	Industrial LSZH Single-Jacket Cable

Plug & Play AnyLAN Systems Primary Tether Attachment Points (TAPs)

Complete the part number by entering fiber count: 06 or 12. Standard tether length is 15 feet.

< 72-Fiber Distribution Trunk

FTW4C _ _ M4RN015F	**FSW4C _ _ M2RN015F**	ALTOS All-Dielectric Cable, pinned OptiTip MT Connector, duct
FTW4C _ _ M4SN015F	**FSW4C _ _ M2SN015F**	ALTOS All-Dielectric Cable, pinned OptiTip MT Connector, direct buried
FTWFC _ _ M4RN015F	**FSWFC _ _ M2RN015F**	FREEDM Cable, pinned OptiTip MT Connector, duct
FTWFC _ _ M4SN015F	**FSWFC _ _ M2SN015F**	FREEDM Cable, pinned OptiTip MT Connector, direct buried
FTWZC _ _ M4RN015F	**FSWZC _ _ M2RN015F**	Industrial LSZH Single-Jacket Cable, duct
FTWZC _ _ M4SN015F	**FSWZC _ _ M2SN015F**	Industrial LSZH Single-Jacket Cable, direct buried

≥ 72-Fiber Distribution Trunk

FTW4A _ _ M4RN015F	**FSW4A _ _ M2RN015F**	ALTOS All-Dielectric Cable, pinned OptiTip MT Connector, duct
FTW4A _ _ M4SN015F	**FSW4A _ _ M2SN015F**	ALTOS All-Dielectric Cable, pinned OptiTip MT Connector, direct buried
FTWFA _ _ M4RN015F	**FSWFA _ _ M2RN015F**	FREEDM Cable, pinned OptiTip MT Connector, duct
FTWFA _ _ M4SN015F	**FSWFA _ _ M2SN015F**	FREEDM Cable, pinned OptiTip MT Connector, direct buried
FTWZA _ _ M4RN015F	**FSWZA _ _ M2RN015F**	Industrial LSZH Single-Jacket Cable, duct
FTWZA _ _ M4SN015F	**FSWZA _ _ M2SN015F**	Industrial LSZH Single-Jacket Cable, direct buried

(continued)

Plug & Play™ AnyLAN™ Systems

Ordering Information (continued)

Part numbers for 50 µm laser-optimized multimode fiber (MMF) and single-mode options are available below. For other options, consult the detailed specifications and information document referenced on page 12.
Note: OM3 = Pretium® 300 MMF; OS2 = Single-Mode.

OM3 Part Number	OS2 Part Number	Description

Plug & Play™ AnyLAN™ Systems Secondary Tether Attachment Points (TAPs)

Complete the part number by entering fiber count: 06 or 12. Standard tether length is 15 feet.

FTW4-_ _ M4RN015F	**FSW4-_ _ M2RN015F**	ALTOS® All-Dielectric Cable, pinned OptiTip® MT Connector, duct
FTW4-_ _ M4SN015F	**FSW4-_ _ M2SN015F**	ALTOS All-Dielectric Cable, pinned OptiTip MT Connector, direct buried
FTWF-_ _ M4RN015F	**FSWF-_ _ M2RN015F**	FREEDM® Cable, pinned OptiTip MT Connector, duct
FTWF-_ _ M4SN015F	**FSWF-_ _ M2SN015F**	FREEDM Cable, pinned OptiTip MT Connector, direct buried
FTWZ-_ _ M4RN015F	**FSWZ-_ _ M2RN015F**	Industrial LSZH™ Single-Jacket Cable, duct
FTWZ-_ _ M4SN015F	**FSWZ-_ _ M2SN015F**	Industrial LSZH Single-Jacket Cable, direct buried

Plug & Play AnyLAN Systems Rugged Pulling Grip

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096 or 144.

FX6-_ _ _ TW469A	**FX6-_ _ _ EW476A**	ALTOS All-Dielectric Cable
FX6-_ _ _ TWF69A	**FX6-_ _ _ EWF76A**	FREEDM Cable
FX6-_ _ _ TWZ69A	**FX6-_ _ _ EWZ76A**	Industrial LSZH Single-Jacket Cable

Plug & Play AnyLAN Systems Harness

Complete the part number by entering fiber count: 06 or 12, and harness length **in feet**: 010, 025, 050 or 100.

00M4_ _ TB4D1E_ _ _ F-P	**00M2_ _ EB4D1E_ _ _ F-P**	Pigtail, pinned OptiTip MT Connector, SST-Drop™ Outdoor Cable
00M4_ _ TBZD1X_ _ _ F-P	**00M2_ _ EBZD1X_ _ _ F-P**	Pigtail, pinned OptiTip MT Connector, FREEDM Cable
M403_ _ TB4D1E_ _ _ F-P	**M202_ _ EB4D1E_ _ _ F-P**	Pinned OptiTip MT Connector to LC, SST-Drop Outdoor Cable
M439_ _ TB4D1E_ _ _ F-P	**M258_ _ EB4D1E_ _ _ F-P**	Pinned OptiTip MT Connector to SC, SST-Drop Outdoor Cable
M450_ _ TB4D1E_ _ _ F-P	**M261_ _ EB4D1E_ _ _ F-P**	Pinned OptiTip MT Connector to ST® Compatible, SST-Drop Outdoor Cable
M403_ _ TBZD1X_ _ _ F-P	**M202_ _ EBZD1X_ _ _ F-P**	Pinned OptiTip MT Connector to LC, FREEDM Cable
M439_ _ TBZD1X_ _ _ F-P	**M258_ _ EBZD1X_ _ _ F-P**	Pinned OptiTip MT Connector to SC, FREEDM Cable
M450_ _ TBZD1X_ _ _ F-P	**M261_ _ EBZD1X_ _ _ F-P**	Pinned OptiTip MT Connector to ST Compatible, FREEDM Cable

Integrated Single-Panel Housing

SPH-12OTC-12E4H	**SPH-12OTR-12A9H**	Single-panel wall-mountable housing, 12 fibers, LC duplex adapters
SPH-24OTC-24E4H	**SPH-24OTR-24A9H**	Single-panel wall-mountable housing, 24 fibers, LC duplex adapters
SPH-12OTC-12E7H	**SPH-12OTR-1259H**	Single-panel wall-mountable housing, 12 fibers, SC duplex adapters
SPH-12OTC-12H3H	**SPH-12OTR-126TH**	Single-panel wall-mountable housing, 12 fibers, ST Compatible adapters

Plug & Play AnyLAN Systems Modules

CCH-AM1205-70T	**CCH-AM1204-89G**	12-fiber module, LC duplex adapters
CCH-AM2405-70T	**CCH-AM2404-89G**	24-fiber module, LC duplex adapters
CCH-AM1257-70T	**CCH-AM1272-89G**	12-fiber module, SC duplex adapters
CCH-AM2457-70T	**CCH-AM2472-89G**	24-fiber module, SC duplex adapters

Integrated 1U Housing

CC1-24OTC-24E4H	**CC1-24OTR-24A9H**	1U rack-mountable housing, 24 fibers, LC duplex adapters
CC1-24OTC-24E7H	**CC1-24OTR-2459H**	1U rack-mountable housing, 24 fibers, SC duplex adapters
CC1-24OTC-24H3H	**CC1-24OTR-246TH**	1U rack-mountable housing, 24 fibers, ST Compatible adapters

Zeux™ Panel Assembly

Complete the part number by entering fiber count: 06 or 12, and assembly length **in feet**: 010, 025, 050 or 100.

ZPM403_ _ TB4D1E_ _ _ F	**ZPM202_ _ EB4D1E_ _ _ F**	Pinned OptiTip MT Connector to LC, SST-Drop Outdoor Cable
ZPM439_ _ TB4D1E_ _ _ F	**ZPM258_ _ EB4D1E_ _ _ F**	Pinned OptiTip MT Connector to SC, SST-Drop Outdoor Cable
ZPM450_ _ TB4D1E_ _ _ F	**ZPM261_ _ EB4D1E_ _ _ F**	Pinned OptiTip MT Connector to ST Compatible, SST-Drop Outdoor Cable
ZPM403_ _ TBZD1X_ _ _ F	**ZPM202_ _ EBZD1X_ _ _ F**	Pinned OptiTip MT Connector to LC, FREEDM Cable
ZPM439_ _ TBZD1X_ _ _ F	**ZPM258_ _ EBZD1X_ _ _ F**	Pinned OptiTip MT Connector to SC, FREEDM Cable
ZPM450_ _ TBZD1X_ _ _ F	**ZPM261_ _ EBZD1X_ _ _ F**	Pinned OptiTip MT Connector to ST Compatible, FREEDM Cable

LANscape® Solutions Fiber Transmission Performance

Below are transmission performance parameters for Corning® optical fiber used in LANscape® Solutions cables. Please note that not all fiber types are available in all cables.

	LANscape 62.5 Solutions	LANscape Pretium® 150 Solutions	LANscape Pretium 300 Solutions	LANscape Pretium 550 Solutions	Single-Mode
Optical Fiber Type (µm)	62.5 Multimode	50 Multimode	50 Multimode	50 Multimode	Single-mode
ISO/IEC 11801 Nomenclature	OM1	OM2	OM3	OM4	OS2
Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	1310/1383/1550
Maximum Attenuation (dB/km)	3.4/1.0	3.0/1.0 2.8/1.0*	3.0/1.0 2.8/1.0*	3.0/1.0 2.8/1.0*	0.4/0.4/0.3
Minimum Over Filled Launch (OFL) Bandwidth (MHz•km)	200/500	700/500	1500/500	3500/500	– / – / –
Minimum Effective Modal Bandwidth (EMB) (MHz•km)	220/ –	950/ –	2000/ –	4700/ –	– / – / –
Serial 1 Gigabit Ethernet Distance (m)	300/550	750/600	1000/600	1100/600	5000/ – / –
Serial 10 Gigabit Ethernet Distance (m)	33/ –	150/ –	300/ –	550/ –	10000/ – /40000

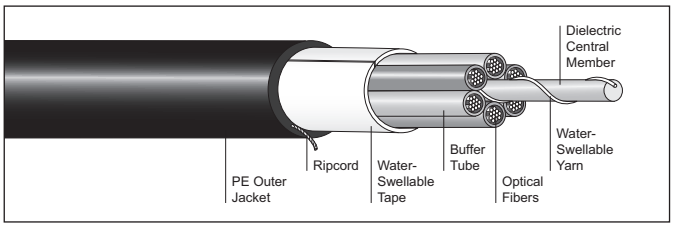
**The following cables offer this improved attenuation performance: MIC® Cables, FREEDM® One Cables, FREEDM Fan-Out Cables, single-fiber cables and 2-fiber zipcord cables.*

Notes:
1) Improved attenuation and bandwidth options available.
2) Bend-insensitive single-mode fibers available upon request.
3) 50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.
4) Contact Corning Cable Systems Customer Service for additional information.

RoHS COMPLIANT

All cables featured within this catalog are ROHS compliant.

ALTOS® All-Dielectric Gel-Free Cables, 12-288 Fibers



- *Fully waterblocked loose tube, gel-free design makes cable access simple and requires no clean up*
- *Medium-density polyethylene jacket is rugged, durable and easy to strip*
- *All-dielectric cable construction requires no grounding or bonding*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -30° to +70°C (-22° to +158°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Outdoor lashed aerial and duct; indoor when installed according to National Electrical Code® (NEC®) Article 770
Design and Test Criteria	ANSI/ICEA S-87-640

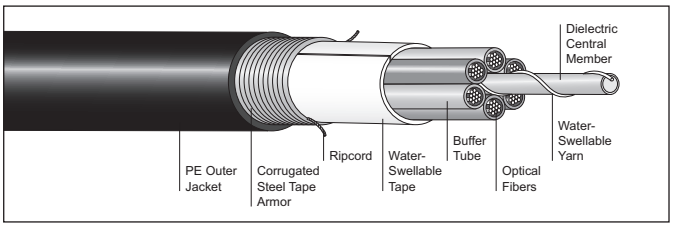
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-78-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 060, 072, 096, 144, 192, 216 or 288.
Note: MMF = multimode fiber.

Part Number	Description
012-288 Fibers	
_ _ _ KU4-T4130D20	62.5 µm MMF (OM1)
_ _ _ TU4-T4131D20	50 µm MMF (OM2)
_ _ _ TU4-T4180D20	50 µm MMF (OM3)
_ _ _ TU4-T4190D20	50 µm MMF (OM4)
_ _ _ EU4-T4101D20	Single-mode (OS2)

ALTOS® Lite™ Gel-Free, Single-Jacket, Single-Armored Cables, 12-288 Fibers



- *Fully waterblocked loose tube, gel-free design makes cable access simple and requires no clean up*
- *Single-armored construction provides additional crush and rodent protection*
- *High-strength ripcord enables ease of stripping*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -30° to +70°C (-22° to +158°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Outdoor lashed aerial and duct and direct-buried; indoor when installed according to National Electrical Code® (NEC®) Article 770
Design and Test Criteria	ANSI/ICEA S-87-640

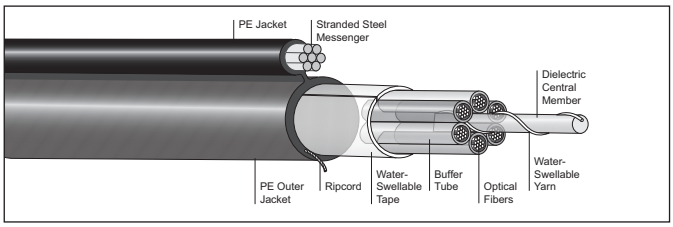
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-275-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 060, 072, 096, 144, 192, 216 or 288.
Note: MMF = multimode fiber.

Part Number	Description
012-288 Fibers	
_ _ _ **KUC-T4130D20**	62.5 µm MMF (OM1)
_ _ _ **TUC-T4131D20**	50 µm MMF (OM2)
_ _ _ **TUC-T4180D20**	50 µm MMF (OM3)
_ _ _ **TUC-T4190D20**	50 µm MMF (OM4)
_ _ _ **EUC-T4101D20**	Single-mode (OS2)

ALTOS® Figure-8 Gel-Free Cables, 12-288 Fibers



- *Fully waterblocked loose tube, gel-free design makes cable access simple and requires no clean up*
- *Medium-density polyethylene jacket is rugged, durable and easy to strip*
- *Figure-8 cable design provides easy, one-step installation*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -30° to +70°C (-22° to +158°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installation	Outdoor self-supporting aerial
Design and Test Criteria	ANSI/ICEA S-87-640

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-688-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 060, 072, 096, 144, 192, 216 or 288.
Note: MMF = multimode fiber.

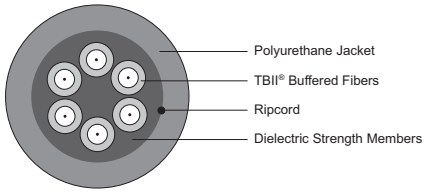
Non-Armored, 012-288 Fibers

Part Number	Description
_ _ _ **KUA-T4130D20**	62.5 µm MMF (OM1)
_ _ _ **TUA-T4131D20**	50 µm MMF (OM2)
_ _ _ **TUA-T4180D20**	50 µm MMF (OM3)
_ _ _ **TUA-T4190D20**	50 µm MMF (OM4)
_ _ _ **EUA-T4101D20**	Single-mode (OS2)

Armored, 012-216 Fibers

Part Number	Description
_ _ _ **KUB-T4130D20**	62.5 µm MMF (OM1)
_ _ _ **TUB-T4131D20**	50 µm MMF (OM2)
_ _ _ **TUB-T4180D20**	50 µm MMF (OM3)
_ _ _ **TUB-T4190D20**	50 µm MMF (OM4)
_ _ _ **EUB-T4101D20**	Single-mode (OS2)

Tactical Cable, 2-12 Fibers



- *Small diameter and bend radius enable easy installation in space-constrained areas*
- *All-dielectric cable construction requires no grounding or bonding*
- *Polyurethane outer jacket provides environmental and mechanical protection*

Specifications

Temperatures	Storage: -57° to +85°C (-71° to +185°F) Installation: -46° to +71°C (-51° to +160°F) Operation: -46° to +71°C (-51° to +160°F)
Impact	2.2 N•m for 50 impacts at -46°C, 100 impacts at room temperature and 50 impacts at 71°C
Common Installations	Outdoor applications; mobile, portable applications; indoor when installed according to National Electrical Code® (NEC®) Article 770
Design and Test Criteria	MLF-PRF-85045F and MIL-PRF-85045F/8A

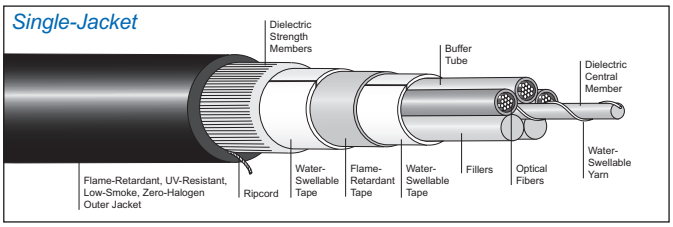
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-770-EN**

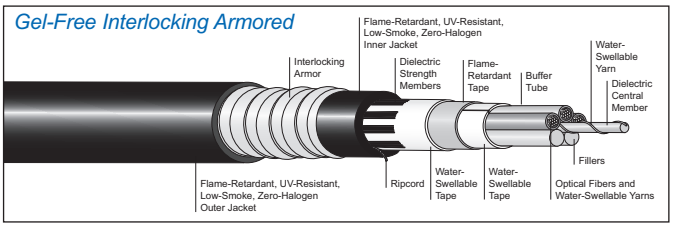
Ordering Information

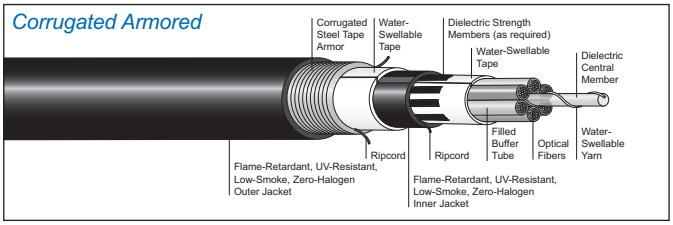
Complete the part number by entering fiber count: 002, 004, 006 or 012.
Note: MMF = multimode fiber.

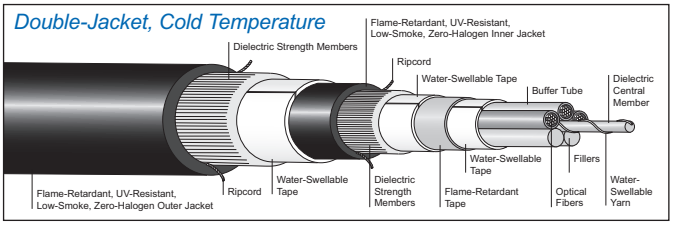
Part Number	Description
002-012 Fibers	
_ _ _ K8U-31130-24	62.5 µm MMF (OM1)
_ _ _ H8U-31131-24	Single-mode (OS2)

Industrial LSZH™ Cables, 12-288 Fibers









- *Low-smoke, zero-halogen (LSZH™) sheath provides key life-safety benefit*
- *Superior performance meets cyclic impact and chemical resistance tests*
- *Available in single-jacket, corrugated armored, gel-free interlocking armored and double-jacket, cold temperature versions*
- *Tray-rated to UL and CSA industrial ruggedness standards*

Specifications

Temperatures	Storage: -40° to +75°C (-40° to +167°F); Double-Jacket, Cold Temperature: -50° to +75°C (-58° to +167°F) Installation: -30° to +60°C (-22° to +140°F) Operation: -40° to +75°C (-40° to +167°F); Double-Jacket, Cold Temperature: -50° to +75°C (-58° to +167°F)
Common Installations	Indoor/outdoor applications; flame-rated for general purpose indoor deployment; Corrugated Armored: riser-rated
Design and Test Criteria	ANSI/ICEA S-104-696; UL 13; UL 444; UL 1277; CSA C22.2 No. 230 and No. 232; Single-Jacket, Gel-Free Interlocking Armored and Double-Jacket, Cold Temperature: UL 1685; Corrugated Armored: UL 1666

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Single-Jacket: **LAN-821-EN**; Corrugated Armored: **LAN-823-EN**; Gel-Free Interlocking Armored: **LAN-825-EN**; Double-Jacket, Cold Temperature: **LAN-824-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 060, 072, 096, 120, 144, 192, 216, 240 or 288.
Note: MMF = multimode fiber.

Single-Jacket, 012-288 Fibers

Part Number	Description
_ _ _ **KWZ-T4130D2N**	62.5 µm MMF (OM1)
_ _ _ **TWZ-T4131D2N**	50 µm MMF (OM2)
_ _ _ **TWZ-T4180D2N**	50 µm MMF (OM3)
_ _ _ **TWZ-T4190D2N**	50 µm MMF (OM4)
_ _ _ **EWZ-T4101D2N**	Single-mode (OS2)

Corrugated Armored, 012-288 Fibers

Part Number	Description
_ _ _ **KWV-T4130D2N**	62.5 µm MMF (OM1)
_ _ _ **TWV-T4131D2N**	50 µm MMF (OM2)
_ _ _ **TWV-T4180D2N**	50 µm MMF (OM3)
_ _ _ **TWV-T4190D2N**	50 µm MMF (OM4)
_ _ _ **EWV-T4101D2N**	Single-mode (OS2)

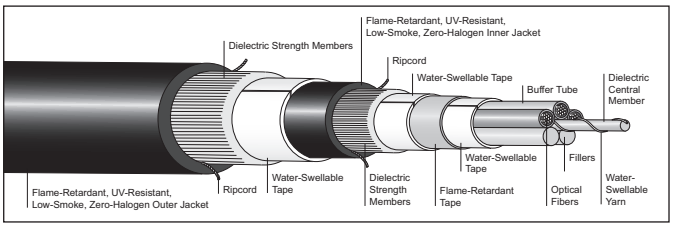
Gel-Free Interlocking Armored, 012-288 Fibers

Part Number	Description
_ _ _ **KWZ-T4130DAN**	62.5 µm MMF (OM1)
_ _ _ **TWZ-T4131DAN**	50 µm MMF (OM2)
_ _ _ **TWZ-T4180DAN**	50 µm MMF (OM3)
_ _ _ **TWZ-T4190DAN**	50 µm MMF (OM4)
_ _ _ **EWZ-T4101DAN**	Single-mode (OS2)

Double-Jacket, Cold Temperature, 012-288 Fibers

Part Number	Description
_ _ _ **KWL-T4630C2N**	62.5 µm MMF (OM1)
_ _ _ **TWL-T4631C2N**	50 µm MMF (OM2)
_ _ _ **TWL-T4680C2N**	50 µm MMF (OM3)
_ _ _ **TWL-T4690C2N**	50 µm MMF (OM4)
_ _ _ **EWL-T4601C2N**	Single-mode (OS2)

Mining and Petrochemical Fiber Optic Cables, 12-288 Fibers



- *Loose tube construction provides stable and highly reliable transmission parameters*
- *Waterblocking technology allows efficient and craft-friendly cable preparation*
- *Extra-tough LSZH™ double jackets are ideal for harsh environments*
- *Tray-rated to UL and CSA industrial ruggedness standards*

Specifications

Temperatures	Storage: -50° to +75°C (-58° to +167°F) Installation: -30° to +60°C (-22° to +140°F) Operation: -50° to +75°C (-58° to +167°F)*
Common Installations	Indoor/outdoor applications; flame-rated for general purpose indoor deployment
Design and Test Criteria	ANSI/ICEA S-104-696, CSA C22.2 No. 230 and No. 232, UL 1685

**-40°C (-40°F) minimum operation temperature for 50 µm multimode optical fiber types.*

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-704-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 060, 072, 096, 120, 144, 216, 240 or 288.
Note: MMF = multimode fiber.

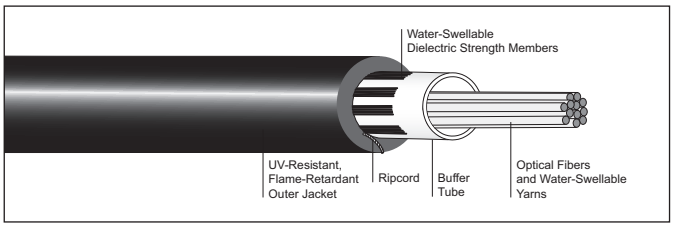
012-288 Fibers, Length Markings in Meters

Part Number	Description
_ _ _ **KWL-T3630C2N**	62.5 µm MMF (OM1)
_ _ _ **TWL-T3631C2N**	50 µm MMF (OM2)
_ _ _ **TWL-T3680C2N**	50 µm MMF (OM3)
_ _ _ **TWL-T3690C2N**	50 µm MMF (OM4)
_ _ _ **EWL-T3601C2N**	Single-mode (OS2)

012-288 Fibers, Length Markings in Feet (standard)

Part Number	Description
_ _ _ **KWL-T4630C2N**	62.5 µm MMF (OM1)
_ _ _ **TWL-T4631C2N**	50 µm MMF (OM2)
_ _ _ **TWL-T4680C2N**	50 µm MMF (OM3)
_ _ _ **TWL-T4690C2N**	50 µm MMF (OM4)
_ _ _ **EWL-T4601C2N**	Single-mode (OS2)

FREEDM® LST™ Gel-Free Cables, 2-24 Fibers



- *Riser rating eliminates need for transition splices when entering buildings*
- *Gel-free waterblocking technology allows craft-friendly cable preparation*
- *Color-coded tubes and fibers provide quick and easy identification*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -10° to +60°C (+14° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; flame-rated to riser rating for indoor deployment
Design and Test Criteria	ANSI/ICEA S-104-696

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-87-EN**

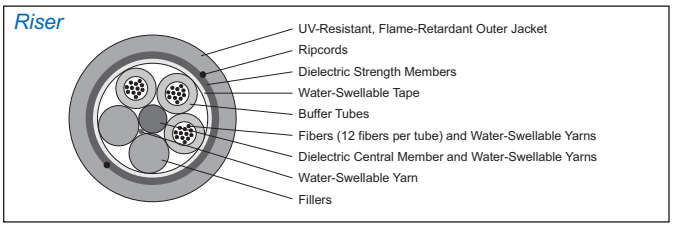
Ordering Information

Complete the part number by entering fiber count: 002, 004, 006, 012, 018 or 024.
Note: MMF = multimode fiber.

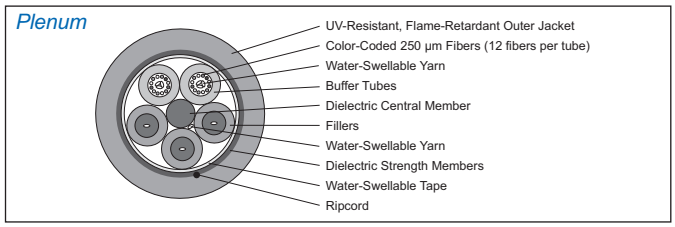
Part Number	Description
002-024 Fibers	
_ _ _ KSF-T4130D20	62.5 µm MMF (OM1)
_ _ _ TSF-T4131D20	50 µm MMF (OM2)
_ _ _ TSF-T4180D20	50 µm MMF (OM3)
_ _ _ TSF-T4190D20	50 µm MMF (OM4)
_ _ _ ESF-T4101D20	Single-mode (OS2)

FREEDM® Loose Tube Gel-Free Cables: Riser (12-288 Fibers) and Plenum (6-72 Fibers)

Riser



Plenum



- *Gel-free waterblocking technology allows craft-friendly cable preparation*
- *Color-coded tubes and fibers provide quick and easy identification*
- *All-dielectric cable construction requires no grounding or bonding*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: Riser: -10° to +60°C (+14° to +140°F); Plenum: 0° to +60°C (+32° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ANSI/ICEA S-104-696; Plenum: NFPA 262

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Riser Cables: **LAN-86-EN**; Plenum Cables: **LAN-753-EN**

Ordering Information

Note: MMF = multimode fiber.

Riser-Rated, 012-288 Fibers

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096, 120, 144, 192, 216, 224 or 288.

Part Number	Description
_ _ _ **KWF-T4130D20**	62.5 µm MMF (OM1)
_ _ _ **TWF-T4131D20**	50 µm MMF (OM2)
_ _ _ **TWF-T4180D20**	50 µm MMF (OM3)
_ _ _ **TWF-T4190D20**	50 µm MMF (OM4)
_ _ _ **EWF-T4101D20**	Single-mode (OS2)

Plenum-Rated, 006-012 Fibers

Complete the part number by entering fiber count: 006 or 012.

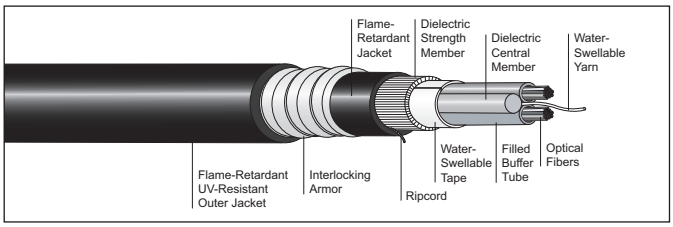
Part Number	Description
_ _ _ **KSP-T4130D20**	62.5 µm MMF (OM1)
_ _ _ **TSP-T4131D20**	50 µm MMF (OM2)
_ _ _ **TSP-T4180D20**	50 µm MMF (OM3)
_ _ _ **TSP-T4190D20**	50 µm MMF (OM4)
_ _ _ **ESP-T4101D20**	Single-mode (OS2)

Plenum-Rated, 024-072 Fibers

Complete the part number by entering fiber count: 024, 036, 048, 060 or 072.

Part Number	Description
_ _ _ **KWP-T4130D20**	62.5 µm MMF (OM1)
_ _ _ **TWP-T4131D20**	50 µm MMF (OM2)
_ _ _ **TWP-T4180D20**	50 µm MMF (OM3)
_ _ _ **TWP-T4190D20**	50 µm MMF (OM4)
_ _ _ **EWP-T4101D20**	Single-mode (OS2)

FREEDM® LST™ Gel-Free Interlocking Armored Cables, 2-24 Fibers



- *Flexible, interlocking armor design offers seven times crush protection compared to unarmored cables*
- *Gel-free waterblocking technology allows craft-friendly cable preparation*
- *Color-coded tubes and fibers provide quick and easy identification*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -10° to +60°C (+14° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; flame-rated to riser rating for indoor deployment
Design and Test Criteria	ANSI/ICEA S-104-696

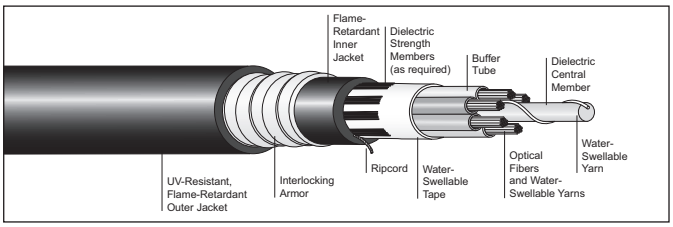
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-448-EN**

Ordering Information

Complete the part number by entering fiber count: 002, 004, 006, 012, 018 or 024.
Note: MMF = multimode fiber.

Part Number	Description
002-024 Fibers	
_ _ _ KSF-T4130DA1	62.5 µm MMF (OM1)
_ _ _ TSF-T4131DA1	50 µm MMF (OM2)
_ _ _ TSF-T4180DA1	50 µm MMF (OM3)
_ _ _ TSF-T4190DA1	50 µm MMF (OM4)
_ _ _ ESF-T4101DA1	Single-mode (OS2)

FREEDM® Loose Tube Gel-Free Interlocking Armored Cables, 12-288 Fibers



- *Flexible, interlocking armor design provides seven times crush protection compared to unarmored cables*
- *Gel-free waterblocking technology allows craft-friendly cable preparation*
- *Color-coded tubes and fibers provide quick and easy identification*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -10° to +60°C (+14° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; flame-rated to riser rating for indoor deployment
Design and Test Criteria	ANSI/ICEA S-104-696

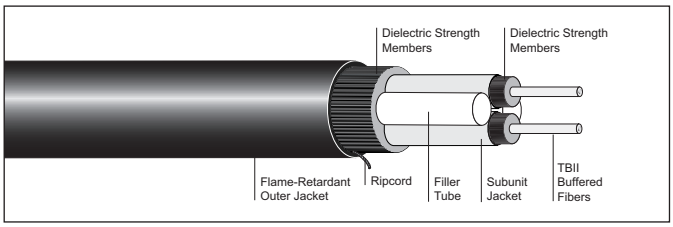
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-280-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096, 120, 192, 216, 240 or 288.
Note: MMF = multimode fiber.

Part Number	Description
012-288 Fibers	
_ _ _ KWF-T4130DA1	62.5 µm MMF (OM1)
_ _ _ TWF-T4131DA1	50 µm MMF (OM2)
_ _ _ TWF-T4180DA1	50 µm MMF (OM3)
_ _ _ TWF-T4190DA1	50 µm MMF (OM4)
_ _ _ EWF-T4101DA1	Single-mode (OS2)

FREEDM® Fan-Out Cables, 2 Fibers



- *900 µm TBII® Buffered Fibers enable easy, consistent stripping*
- *2.9 mm subunits allow easy field terminations*
- *Flame-retardant jacket is rugged and durable*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -10° to +70°C (+14° to +158°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; flame-rated to riser rating for indoor deployment
Design and Test Criteria	ICEA S-104-696

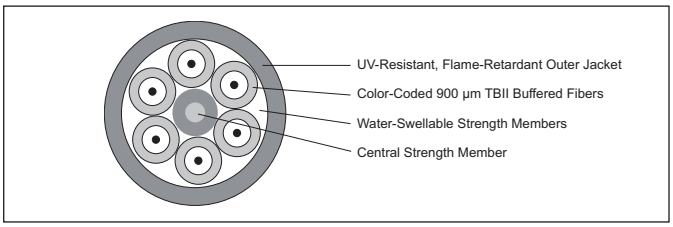
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-723-EN**

Ordering Information

Note: MMF = multimode fiber.

Part Number	Description
002K6F-31130-24	62.5 µm MMF (OM1)
002T6F-31131-24	50 µm MMF (OM2)
002T6F-31180-24	50 µm MMF (OM3)
002T6F-31190-24	50 µm MMF (OM4)
002E6F-31131-24	Single-mode (OS2)

FREEDM® One Cables: Riser (6-72 Fibers) and Plenum (6-24 Fibers)



- *Waterblocking technology plus NEC flame rating for outdoor or indoor applications*
- *Tight-buffered cable design eliminates fan-out kits*
- *≥ 36 fiber count cables feature unitized design for easy identification*
- *Patented TBII® dual-acrylate slip layer provides faster, easier stripping*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: Riser: -10° to +60°C (+14° to +140°F); Plenum: 0° to +60°C (+32° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-104-696

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Riser Cables: **LAN-520-EN, LAN-1133-EN**; Plenum Cables: **LAN-492-EN**

Ordering Information

Note: MMF = multimode fiber.

Riser-Rated, 006-024 Fibers

Complete the part number by entering fiber count: 006, 012, 018 or 024.

Part Number	Description
_ _ _ **K8F-31130-29**	62.5 µm MMF (OM1)
_ _ _ **T8F-31131-29**	50 µm MMF (OM2)
_ _ _ **T8F-31180-29**	50 µm MMF (OM3)
_ _ _ **T8F-31190-29**	50 µm MMF (OM4)
_ _ _ **E8F-31131-29**	Single-mode (OS2)

Riser-Rated, 036-048 Fibers

Complete the part number by entering fiber count: 036 or 048.

Part Number	Description
_ _ _ **K8F-61130-29**	62.5 µm MMF (OM1)
_ _ _ **T8F-61131-29**	50 µm MMF (OM2)
_ _ _ **T8F-61180-29**	50 µm MMF (OM3)
_ _ _ **T8F-61190-29**	50 µm MMF (OM4)
_ _ _ **E8F-61131-29**	Single-mode (OS2)

Riser-Rated, 072 Fibers

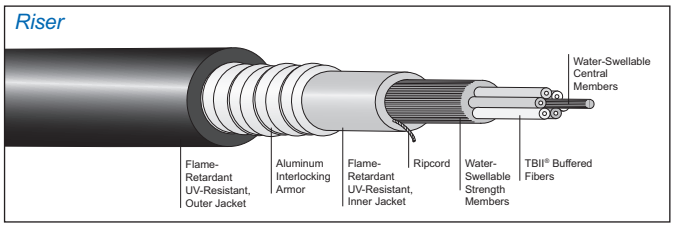
Part Number	Description
072K8F-T1130-29	62.5 µm MMF (OM1)
072T8F-T1131-29	50 µm MMF (OM2)
072T8F-T1180-29	50 µm MMF (OM3)
072T8F-T1190-29	50 µm MMF (OM4)
072E8F-T1131-29	Single-mode (OS2)

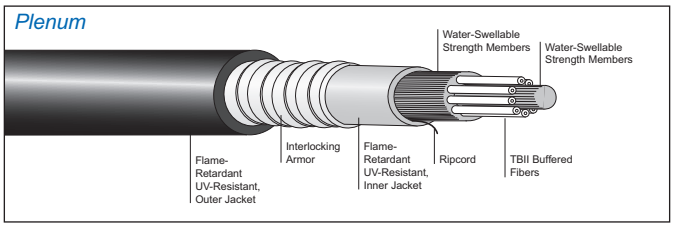
Plenum-Rated, 006-024 Fibers

Complete the part number by entering fiber count: 006, 012, 018 or 024.

Part Number	Description
_ _ _ **K8P-31130-29**	62.5 µm MMF (OM1)
_ _ _ **T8P-31131-29**	50 µm MMF (OM2)
_ _ _ **T8P-31180-29**	50 µm MMF (OM3)
_ _ _ **T8P-31190-29**	50 µm MMF (OM4)
_ _ _ **E8P-31131-29**	Single-mode (OS2)

FREEDM® One Interlocking Armored Riser and Plenum Cables, 6-24 Fibers





- *Waterblocking technology for indoor/outdoor applications*
- *Flexible, interlocking armor design offers seven times crush protection compared to unarmored cables*
- *UV-resistant, flame-retardant jacket is durable and easy to strip*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -10° to +60°C (+14° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-104-696

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* Riser Cables: **LAN-672-EN, LAN-1134-EN**; Plenum Cables: **LAN-671-EN**

Ordering Information

Note: MMF = multimode fiber.

Riser-Rated, 006-024 Fibers

Complete the part number by entering fiber count: 006, 012, 018 or 024.

Part Number	Description
_ _ _ **K8F-31130-A1**	62.5 µm MMF (OM1)
_ _ _ **T8F-31131-A1**	50 µm MMF (OM2)
_ _ _ **T8F-31180-A1**	50 µm MMF (OM3)
_ _ _ **T8F-31190-A1**	50 µm MMF (OM4)
_ _ _ **E8F-31131-A1**	Single-mode (OS2)

Riser-Rated, 036-048 Fibers

Complete the part number by entering fiber count: 036 or 048.

Part Number	Description
_ _ _ **K8F-61130-A1**	62.5 µm MMF (OM1)
_ _ _ **T8F-61131-A1**	50 µm MMF (OM2)
_ _ _ **T8F-61180-A1**	50 µm MMF (OM3)
_ _ _ **T8F-61190-A1**	50 µm MMF (OM4)
_ _ _ **E8F-61131-A1**	Single-mode (OS2)

Riser-Rated, 072 Fibers

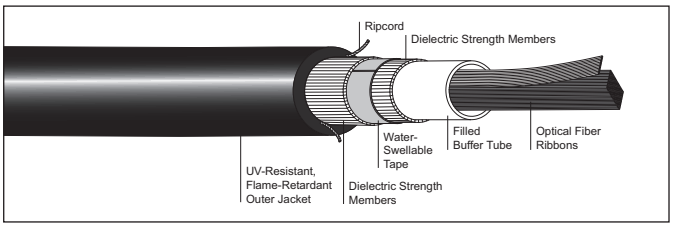
Part Number	Description
072K8F-T1130-A1	62.5 µm MMF (OM1)
072T8F-T1131-A1	50 µm MMF (OM2)
072T8F-T1180-A1	50 µm MMF (OM3)
072T8F-T1190-A1	50 µm MMF (OM4)
072E8F-T1131-A1	Single-mode (OS2)

Plenum-Rated, 006-024 Fibers

Complete the part number by entering fiber count: 006, 012, 018 or 024.

Part Number	Description
_ _ _ **K8P-31130-A3**	62.5 µm MMF (OM1)
_ _ _ **T8P-31131-A3**	50 µm MMF (OM2)
_ _ _ **T8P-31180-A3**	50 µm MMF (OM3)
_ _ _ **T8P-31190-A3**	50 µm MMF (OM4)
_ _ _ **E8P-31131-A3**	Single-mode (OS2)

FREEDM® Ribbon Riser Cables, 12-216 Fibers



- *Waterblocking technology reduces cable weight and preparation time*
- *Ribbon ID numbers and fiber colors are easily identifiable*
- *UV-resistant, flame-retardant jacket is rugged, durable and easy to strip*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -10° to +60°C (+14° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor/outdoor applications; flame-rated to riser rating for indoor deployment
Design and Test Criteria	ANSI/ICEA S-104-696

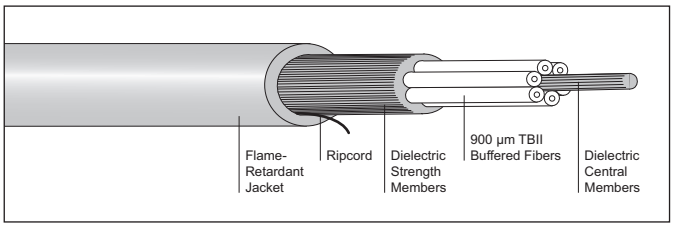
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-281-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096, 144 or 216.
Note: MMF = multimode fiber.

Part Number	Description
012-216 Fibers	
_ _ _ KCF-14130-20	62.5 µm MMF (OM1)
_ _ _ TCF-14131-20	50 µm MMF (OM2)
_ _ _ TCF-14180-20	50 µm MMF (OM3)
_ _ _ TCF-14190-20	50 µm MMF (OM4)
_ _ _ ECF-14101-20	Single-mode (OS2)

MIC® Riser and Plenum Cables, 2-144 Fibers



- *Tight-buffered cable design eliminates fan-out kits*
- *Patented TBII® dual-acrylate slip layer provides faster, easier stripping*
- *All-dielectric design requires no grounding or bonding*
- *≥ 36 fiber count cables feature unitized design for easy identification*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: Riser: -10° to +60°C (+14° to +140°F); Plenum: 0° to +60°C (+32° to +140°F) Operation: Riser: -20° to +70°C (-4° to +158°F); Plenum: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Riser Cables: **LAN-89-EN, LAN-92-EN**; Plenum Cables: **LAN-88-EN, LAN-91-EN**

Ordering Information

Complete the part number by entering fiber count: 002, 004, 006, 008, 012, 018, 024, 036, 048, 060, 072, 096 or 144.
Note: MMF = multimode fiber.

Riser-Rated, 002-008 Fibers

Part Number	Description
_ _ _ **K81-31130-24**	62.5 µm MMF (OM1)
_ _ _ **T81-31131-24**	50 µm MMF (OM2)
_ _ _ **T81-31180-24**	50 µm MMF (OM3)
_ _ _ **T81-31190-24**	50 µm MMF (OM4)
_ _ _ **E81-31131-24**	Single-mode (OS2)

Riser-Rated, 012-024 Fibers

Part Number	Description
_ _ _ **K81-33130-24**	62.5 µm MMF (OM1)
_ _ _ **T81-33131-24**	50 µm MMF (OM2)
_ _ _ **T81-33180-24**	50 µm MMF (OM3)
_ _ _ **T81-33190-24**	50 µm MMF (OM4)
_ _ _ **E81-33131-24**	Single-mode (OS2)

Riser-Rated, 036-048 Fibers

Part Number	Description
_ _ _ **K81-61130-24**	62.5 µm MMF (OM1)
_ _ _ **T81-61131-24**	50 µm MMF (OM2)
_ _ _ **T81-61180-24**	50 µm MMF (OM3)
_ _ _ **T81-61190-24**	50 µm MMF (OM4)
_ _ _ **E81-61131-24**	Single-mode (OS2)

Riser-Rated, 060-144 Fibers

Part Number	Description
_ _ _ **K81-T3130-24**	62.5 µm MMF (OM1)
_ _ _ **T81-T3131-24**	50 µm MMF (OM2)
_ _ _ **T81-T3180-24**	50 µm MMF (OM3)
_ _ _ **T81-T3190-24**	50 µm MMF (OM4)
_ _ _ **E81-T3131-24**	Single-mode (OS2)

Plenum-Rated, 002-008 Fibers

Part Number	Description
_ _ _ **K88-31130-29**	62.5 µm MMF (OM1)
_ _ _ **T88-31131-29**	50 µm MMF (OM2)
_ _ _ **T88-31180-29**	50 µm MMF (OM3)
_ _ _ **T88-31190-29**	50 µm MMF (OM4)
_ _ _ **E88-31131-29**	Single-mode (OS2)

Plenum-Rated, 012-024 Fibers

Part Number	Description
_ _ _ **K88-33130-29**	62.5 µm MMF (OM1)
_ _ _ **T88-33131-29**	50 µm MMF (OM2)
_ _ _ **T88-33180-29**	50 µm MMF (OM3)
_ _ _ **T88-33190-29**	50 µm MMF (OM4)
_ _ _ **E88-33131-29**	Single-mode (OS2)

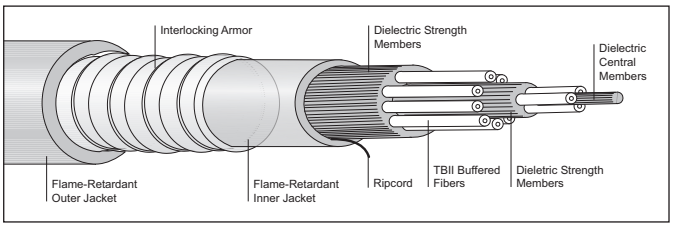
Plenum-Rated, 036-048 Fibers

Part Number	Description
_ _ _ **K88-61130-29**	62.5 µm MMF (OM1)
_ _ _ **T88-61131-29**	50 µm MMF (OM2)
_ _ _ **T88-61180-29**	50 µm MMF (OM3)
_ _ _ **T88-61190-29**	50 µm MMF (OM4)
_ _ _ **E88-61131-29**	Single-mode (OS2)

Plenum-Rated, 060-144 Fibers

Part Number	Description
_ _ _ **K88-T3130-29**	62.5 µm MMF (OM1)
_ _ _ **T88-T3131-29**	50 µm MMF (OM2)
_ _ _ **T88-T3180-29**	50 µm MMF (OM3)
_ _ _ **T88-T3190-29**	50 µm MMF (OM4)
_ _ _ **E88-T3131-29**	Single-mode (OS2)

MIC® Interlocking Armored Riser and Plenum Cables, 2-144 Fibers



- *Tight-buffered cable design eliminates fan-out kits*
- *Interlocking armor offers seven times the cable protection of standard cable – no conduit needed*
- *≥ 36 fiber count cables feature unitized design for easy identification*
- *Patented TBII® dual-acrylate slip layer provides faster, easier stripping*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: Riser: -10° to +60°C (+14° to +140°F); Plenum: 0° to +60°C (+32° to +140°F) Operation: Riser: -20° to +70°C (-4° to +158°F); Plenum: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* Riser Cables: **LAN-378-EN, LAN-282-EN**; Plenum Cables: **LAN-124-EN, LAN-283-EN**

Ordering Information

Complete the part number by entering fiber count: 002, 004, 006, 008, 012, 018, 024, 036, 048, 060, 072, 096 or 144.
Note: MMF = multimode fiber.

Riser-Rated, 002-008 Fibers

Part Number	Description
___ **K81-31130-A1**	62.5 µm MMF (OM1)
___ **T81-31131-A1**	50 µm MMF (OM2)
___ **T81-31180-A1**	50 µm MMF (OM3)
___ **T81-31190-A1**	50 µm MMF (OM4)
___ **E81-31131-A1**	Single-mode (OS2)

Riser-Rated, 012-024 Fibers

Part Number	Description
___ **K81-33130-A1**	62.5 µm MMF (OM1)
___ **T81-33131-A1**	50 µm MMF (OM2)
___ **T81-33180-A1**	50 µm MMF (OM3)
___ **T81-33190-A1**	50 µm MMF (OM4)
___ **E81-33131-A1**	Single-mode (OS2)

Riser-Rated, 036-048 Fibers

Part Number	Description
___ **K81-61130-A1**	62.5 µm MMF (OM1)
___ **T81-61131-A1**	50 µm MMF (OM2)
___ **T81-61180-A1**	50 µm MMF (OM3)
___ **T81-61190-A1**	50 µm MMF (OM4)
___ **E81-61131-A1**	Single-mode (OS2)

Riser-Rated, 060-144 Fibers

Part Number	Description
___ **K81-T3130-A1**	62.5 µm MMF (OM1)
___ **T81-T3131-A1**	50 µm MMF (OM2)
___ **T81-T3180-A1**	50 µm MMF (OM3)
___ **T81-T3190-A1**	50 µm MMF (OM4)
___ **E81-T3131-A1**	Single-mode (OS2)

Plenum-Rated, 002-008 Fibers

Part Number	Description
___ **K88-31130-A3**	62.5 µm MMF (OM1)
___ **T88-31131-A3**	50 µm MMF (OM2)
___ **T88-31180-A3**	50 µm MMF (OM3)
___ **T88-31190-A3**	50 µm MMF (OM4)
___ **E88-31131-A3**	Single-mode (OS2)

Plenum-Rated, 012-024 Fibers

Part Number	Description
___ **K88-33130-A3**	62.5 µm MMF (OM1)
___ **T88-33131-A3**	50 µm MMF (OM2)
___ **T88-33180-A3**	50 µm MMF (OM3)
___ **T88-33190-A3**	50 µm MMF (OM4)
___ **E88-33131-A3**	Single-mode (OS2)

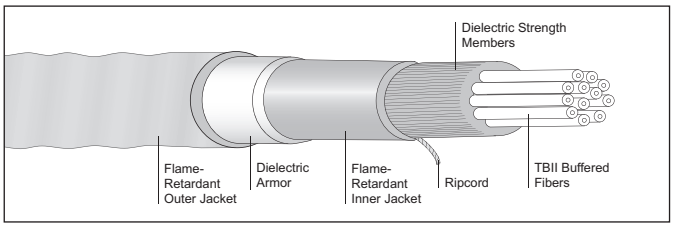
Plenum-Rated, 036-048 Fibers

Part Number	Description
___ **K88-61130-A3**	62.5 µm MMF (OM1)
___ **T88-61131-A3**	50 µm MMF (OM2)
___ **T88-61180-A3**	50 µm MMF (OM3)
___ **T88-61190-A3**	50 µm MMF (OM4)
___ **E88-61131-A3**	Single-mode (OS2)

Plenum-Rated, 060-144 Fibers

Part Number	Description
___ **K88-T3130-A3**	62.5 µm MMF (OM1)
___ **T88-T3131-A3**	50 µm MMF (OM2)
___ **T88-T3180-A3**	50 µm MMF (OM3)
___ **T88-T3190-A3**	50 µm MMF (OM4)
___ **E88-T3131-A3**	Single-mode (OS2)

MIC® DX Armored Riser and Plenum Cables, 6-24 Fibers



- *Dielectric armor design offers four times crush protection compared to unarmored cables*
- *TBII® Buffered Fibers enable easy, consistent stripping*
- *Flame-retardant jacket is rugged and durable*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: Riser: -10° to +60°C (+14° to +140°F); Plenum: 0° to +60°C (+32° to +140°F) Operation: Riser: -20° to +70°C (-4° to +158°F); Plenum: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Riser Cables: **LAN-1139-EN**; Plenum Cables: **LAN-1138-EN**

Ordering Information

Complete the part number by entering fiber count: 006, 012 or 024.
Note: MMF = multimode fiber.

Riser-Rated, 006 Fibers

Part Number	Description
_ _ _ **K81-31130-D1**	62.5 µm MMF (OM1)
_ _ _ **T81-31131-D1**	50 µm MMF (OM2)
_ _ _ **T81-31180-D1**	50 µm MMF (OM3)
_ _ _ **T81-31190-D1**	50 µm MMF (OM4)
_ _ _ **E81-31131-D1**	Single-mode (OS2)

Riser-Rated, 012-024 Fibers

Part Number	Description
_ _ _ **K81-33130-D1**	62.5 µm MMF (OM1)
_ _ _ **T81-33131-D1**	50 µm MMF (OM2)
_ _ _ **T81-33180-D1**	50 µm MMF (OM3)
_ _ _ **T81-33190-D1**	50 µm MMF (OM4)
_ _ _ **E81-33131-D1**	Single-mode (OS2)

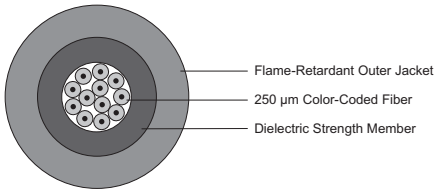
Plenum-Rated, 006 Fibers

Part Number	Description
_ _ _ **K88-31130-D3**	62.5 µm MMF (OM1)
_ _ _ **T88-31131-D3**	50 µm MMF (OM2)
_ _ _ **T88-31180-D3**	50 µm MMF (OM3)
_ _ _ **T88-31190-D3**	50 µm MMF (OM4)
_ _ _ **E88-31131-D3**	Single-mode (OS2)

Plenum-Rated, 012-024 Fibers

Part Number	Description
_ _ _ **K88-33130-D3**	62.5 µm MMF (OM1)
_ _ _ **T88-33131-D3**	50 µm MMF (OM2)
_ _ _ **T88-33180-D3**	50 µm MMF (OM3)
_ _ _ **T88-33190-D3**	50 µm MMF (OM4)
_ _ _ **E88-33131-D3**	Single-mode (OS2)

MIC® 250 Cables, 12- and 24-Fiber



- *Color-coded fibers provide quick and easy identification*
- *12-fiber groupings are compatible with multi-fiber connectors*
- *All-dielectric cable construction requires no grounding or bonding*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: 0° to +60°C (+32° to +140°F) Operation: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; flame-rated for plenum deployment
Design and Test Criteria	ICEA S-83-596

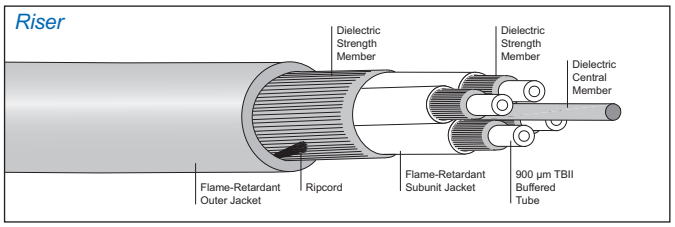
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-746-EN**

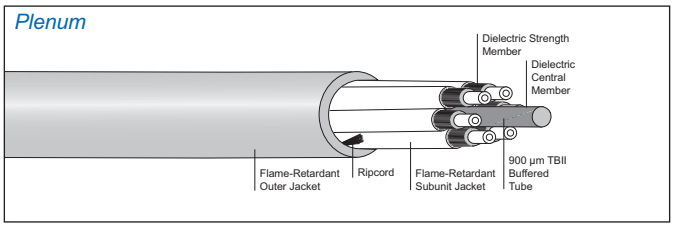
Ordering Information

Complete the part number by entering fiber count: 012 or 024.
Note: MMF = multimode fiber.

Part Number	Description
012-024 Fibers	
_ _ _ KD8-31330-20	62.5 µm MMF (OM1)
_ _ _ TD8-31331-20	50 µm MMF (OM2)
_ _ _ TD8-31380-20	50 µm MMF (OM3)
_ _ _ TD8-31390-20	50 µm MMF (OM4)
_ _ _ ED8-31301-20	Single-mode (OS2)

Fan-Out Riser and Plenum Cables, 2-24 Fibers





- *900 µm TBII® Buffered Fibers enable easy, consistent stripping*
- *Flame-retardant jacket is rugged and durable*
- *All-dielectric cable construction requires no grounding or bonding*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: Riser: -10° to +60°C (+14° to +140°F); Plenum: 0° to +60°C (+32° to +140°F) Operation: Riser: -20° to +70°C (-4° to +158°F); Plenum: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* Riser Cables: **LAN-85-EN**; Plenum Cables: **LAN-84-EN**

Ordering Information

Complete the part number by entering fiber count: 002, 004, 006, 008, 012, 016 or 024.
Note: MMF = multimode fiber.

Riser-Rated, 002-024 Fibers with 2.9 mm Subunits

Part Number	Description
_ _ _ **K61-31130-24**	62.5 µm MMF (OM1)
_ _ _ **T61-31131-24**	50 µm MMF (OM2)
_ _ _ **T61-31180-24**	50 µm MMF (OM3)
_ _ _ **T61-31190-24**	50 µm MMF (OM4)
_ _ _ **E61-31131-24**	Single-mode (OS2)

Riser-Rated, 002-024 Fibers with 2.0 mm Subunits

Part Number	Description
_ _ _ **K61-31330-24**	62.5 µm MMF (OM1)
_ _ _ **T61-31331-24**	50 µm MMF (OM2)
_ _ _ **T61-31380-24**	50 µm MMF (OM3)
_ _ _ **T61-31390-24**	50 µm MMF (OM4)
_ _ _ **E61-31331-24**	Single-mode (OS2)

Riser-Rated, 002-024 Fibers with 1.6 mm Subunits

Part Number	Description
_ _ _ **K61-31430-24**	62.5 µm MMF (OM1)
_ _ _ **T61-31431-24**	50 µm MMF (OM2)
_ _ _ **T61-31480-24**	50 µm MMF (OM3)
_ _ _ **T61-31490-24**	50 µm MMF (OM4)
_ _ _ **E61-31431-24**	Single-mode (OS2)

Plenum-Rated, 002-024 Fibers with 2.9 mm Subunits

Part Number	Description
_ _ _ **K68-31130-29**	62.5 µm MMF (OM1)
_ _ _ **T68-31131-29**	50 µm MMF (OM2)
_ _ _ **T68-31180-29**	50 µm MMF (OM3)
_ _ _ **T68-31190-29**	50 µm MMF (OM4)
_ _ _ **E68-31131-29**	Single-mode (OS2)

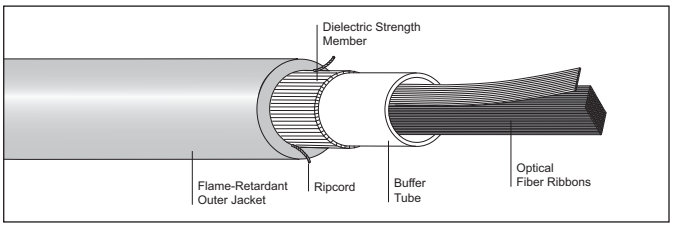
Plenum-Rated, 002-024 Fibers with 2.0 mm Subunits

Part Number	Description
_ _ _ **K68-31330-29**	62.5 µm MMF (OM1)
_ _ _ **T68-31331-29**	50 µm MMF (OM2)
_ _ _ **T68-31380-29**	50 µm MMF (OM3)
_ _ _ **T68-31390-29**	50 µm MMF (OM4)
_ _ _ **E68-31331-29**	Single-mode (OS2)

Plenum-Rated, 002-024 Fibers with 1.6 mm Subunits

Part Number	Description
_ _ _ **K68-31430-29**	62.5 µm MMF (OM1)
_ _ _ **T68-31431-29**	50 µm MMF (OM2)
_ _ _ **T68-31480-29**	50 µm MMF (OM3)
_ _ _ **T68-31490-29**	50 µm MMF (OM4)
_ _ _ **E68-31431-29**	Single-mode (OS2)

Ribbon Riser and Plenum Cables, 12-216 Fibers



- *Precise fiber and ribbon geometries produce excellent mass splicing yields*
- *Ribbon ID numbers and fiber colors are easily identifiable*
- *Flame-retardant jacket is rugged and durable*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: Riser: -10° to +60°C (+14° to +140°F); Plenum: 0° to +60°C (+32° to +140°F) Operation: Riser: -20° to +70°C (-4° to +158°F); Plenum: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Riser Cables: **LAN-226-EN**; Plenum Cables: **LAN-227-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096, 144 or 216.
Note: MMF = multimode fiber.

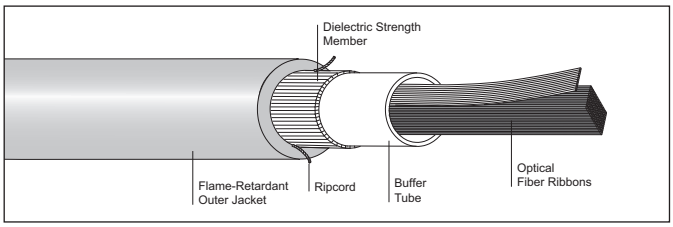
Riser-Rated, 012-216 Fibers

Part Number	Description
_ _ _ **KC7-14130-20**	62.5 µm MMF (OM1)
_ _ _ **TC7-14131-20**	50 µm MMF (OM2)
_ _ _ **TC7-14180-20**	50 µm MMF (OM3)
_ _ _ **TC7-14190-20**	50 µm MMF (OM4)
_ _ _ **EC7-14101-20**	Single-mode (OS2)

Plenum-Rated, 012-216 Fibers

Part Number	Description
_ _ _ **KC8-14130-20**	62.5 µm MMF (OM1)
_ _ _ **TC8-14131-20**	50 µm MMF (OM2)
_ _ _ **TC8-14180-20**	50 µm MMF (OM3)
_ _ _ **TC8-14190-20**	50 µm MMF (OM4)
_ _ _ **EC8-14101-20**	Single-mode (OS2)

LSZH™ Ribbon Cables, 12-216 Fibers



- *Precise fiber and ribbon geometries produce excellent mass splicing yields*
- *Ribbon ID numbers and fiber colors are easily identifiable*
- *Available with interlocking armor for additional mechanical durability*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: -30° to +60°C (-22° to +140°F) Operation: -40° to +70°C (-40° to +158°F)
Common Installations	Indoor applications; flame-rated to riser rating for indoor deployment
Design and Test Criteria	ICEA S-83-596

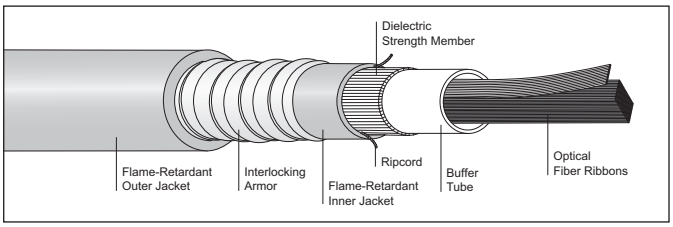
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-818-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096, 144 or 216.
Note: MMF = multimode fiber.

Part Number	Description
012-216 Fibers	
_ _ _ KCZ-14130-20	62.5 µm MMF (OM1)
_ _ _ TCZ-14131-20	50 µm MMF (OM2)
_ _ _ TCZ-14180-20	50 µm MMF (OM3)
_ _ _ TCZ-14190-20	50 µm MMF (OM4)
_ _ _ ECZ-14101-20	Single-mode (OS2)

Ribbon Interlocking Armored Plenum Cables, 12-216 Fibers



- *Precise fiber and ribbon geometries produce excellent mass splicing yields*
- *Ribbon ID numbers and fiber colors are easily identifiable*
- *Flexible interlocking armor offers seven times crush protection compared to non-armored cables*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: 0° to +60°C (+32° to +140°F) Operation: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; flame-rated for plenum deployment
Design and Test Criteria	ICEA S-83-596

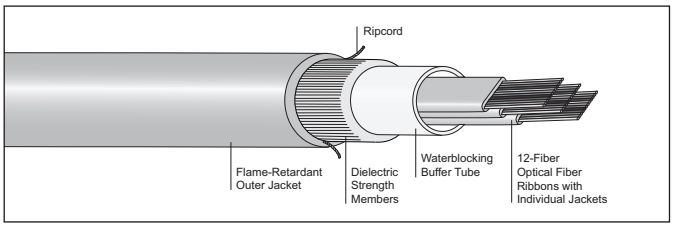
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-449-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036, 048, 072, 096, 144 or 216.
Note: MMF = multimode fiber.

Part Number	Description
012-216 Fibers	
_ _ _ KC8-14130-A3	62.5 µm MMF (OM1)
_ _ _ TC8-14131-A3	50 µm MMF (OM2)
_ _ _ TC8-14180-A3	50 µm MMF (OM3)
_ _ _ TC8-14190-A3	50 µm MMF (OM4)
_ _ _ EC8-14101-A3	Single-mode (OS2)

Ruggedized Ribbon Plenum Cables, 12-48 Fibers



- *Precise fiber and ribbon geometries produce excellent mass splicing yields*
- *Ribbon ID numbers and fiber colors are easily identifiable*
- *Dielectric strength members for additional mechanical durability*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Installation: 0° to +60°C (+32° to +140°F) Operation: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; flame-rated for plenum deployment
Design and Test Criteria	ICEA S-83-596

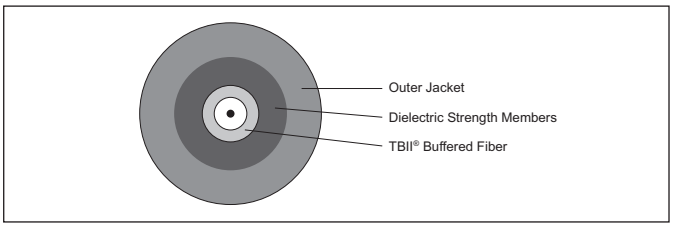
For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-580-EN**

Ordering Information

Complete the part number by entering fiber count: 012, 024, 036 or 048.
Note: MMF = multimode fiber.

Part Number	Description
012-048 Fibers	
_ _ _ KC8-94130-20	62.5 µm MMF (OM1)
_ _ _ TC8-94131-20	50 µm MMF (OM2)
_ _ _ TC8-94180-20	50 µm MMF (OM3)
_ _ _ TC8-94190-20	50 µm MMF (OM4)
_ _ _ EC8-94101-20	Single-mode (OS2)

Single-Fiber Riser and Plenum Cables



- *Meets National Electrical Code® (NEC®) requirements for burn test criteria*
- *All-dielectric strength member offers mechanical durability*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Operation: Riser: -20° to +70°C (-4° to +158°F); Plenum: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* Riser Cables: **LAN-90-EN**; Plenum Cables: **LAN-396-EN**

Ordering Information

Note: MMF = multimode fiber.

Riser-Rated with 2.9 mm Subunits

Part Number	Description
001K31-31130-24	62.5 µm MMF (OM1)
001T31-31131-24	50 µm MMF (OM2)
001T31-31180-24	50 µm MMF (OM3)
001T31-31190-24	50 µm MMF (OM4)
001E31-31131-24	Single-mode (OS2)

Riser-Rated with 2.0 mm Subunits

Part Number	Description
001K31-31330-24	62.5 µm MMF (OM1)
001T31-31331-24	50 µm MMF (OM2)
001T31-31380-24	50 µm MMF (OM3)
001T31-31390-24	50 µm MMF (OM4)
001E31-31331-24	Single-mode (OS2)

Riser-Rated with 1.6 mm Subunits

Part Number	Description
001K31-31430-24	62.5 µm MMF (OM1)
001T31-31431-24	50 µm MMF (OM2)
001T31-31480-24	50 µm MMF (OM3)
001T31-31490-24	50 µm MMF (OM4)
001E31-31431-24	Single-mode (OS2)

Plenum-Rated with 2.9 mm Subunits

Part Number	Description
001K38-31130-29	62.5 µm MMF (OM1)
001T38-31131-29	50 µm MMF (OM2)
001T38-31180-29	50 µm MMF (OM3)
001T38-31190-29	50 µm MMF (OM4)
001E38-31131-29	Single-mode (OS2)

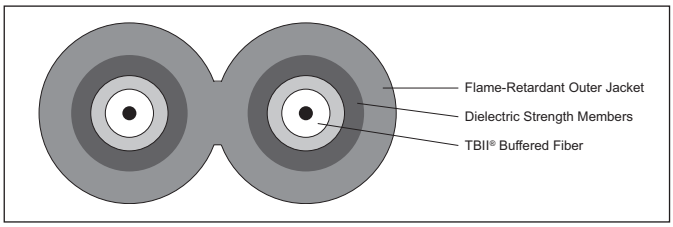
Plenum-Rated with 2.0 mm Subunits

Part Number	Description
001K38-31330-29	62.5 µm MMF (OM1)
001T38-31331-29	50 µm MMF (OM2)
001T38-31380-29	50 µm MMF (OM3)
001T38-31390-29	50 µm MMF (OM4)
001E38-31331-29	Single-mode (OS2)

Plenum-Rated with 1.6 mm Subunits

Part Number	Description
001K38-31430-29	62.5 µm MMF (OM1)
001T38-31431-29	50 µm MMF (OM2)
001T38-31480-29	50 µm MMF (OM3)
001T38-31490-29	50 µm MMF (OM4)
001E38-31431-29	Single-mode (OS2)

Zipcord Riser and Plenum Cables, 2-Fiber



- *Meets National Electrical Code® (NEC®) requirements for burn test criteria*
- *All-dielectric strength member offers mechanical durability*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Operation: Riser: -20° to +70°C (-4° to +158°F); Plenum: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Riser Cables: **LAN-83-EN**; Plenum Cables: **LAN-82-EN**

Ordering Information

Note: MMF = multimode fiber.

Riser-Rated with 2.8 mm Subunits

Part Number	Description
002K51-31130-24	62.5 µm MMF (OM1)
002T51-31131-24	50 µm MMF (OM2)
002T51-31180-24	50 µm MMF (OM3)
002T51-31190-24	50 µm MMF (OM4)
002E51-31131-24	Single-mode (OS2)

Riser-Rated with 2.0 mm Subunits

Part Number	Description
002K51-31330-24	62.5 µm MMF (OM1)
002T51-31331-24	50 µm MMF (OM2)
002T51-31380-24	50 µm MMF (OM3)
002T51-31390-24	50 µm MMF (OM4)
002E51-31331-24	Single-mode (OS2)

Riser-Rated with 1.6 mm Subunits

Part Number	Description
002K51-31430-24	62.5 µm MMF (OM1)
002T51-31431-24	50 µm MMF (OM2)
002T51-31480-24	50 µm MMF (OM3)
002T51-31490-24	50 µm MMF (OM4)
002E51-31431-24	Single-mode (OS2)

Plenum-Rated with 2.8 mm Subunits

Part Number	Description
002K58-31130-24	62.5 µm MMF (OM1)
002T58-31131-24	50 µm MMF (OM2)
002T58-31180-24	50 µm MMF (OM3)
002T58-31190-24	50 µm MMF (OM4)
002E58-31131-24	Single-mode (OS2)

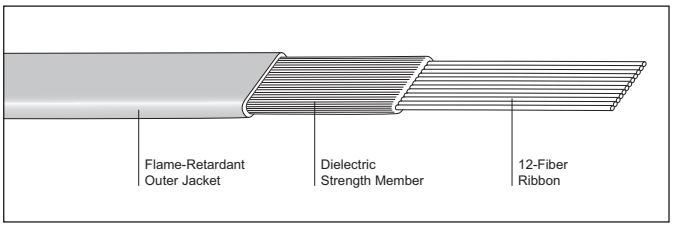
Plenum-Rated with 2.0 mm Subunits

Part Number	Description
002K58-31330-24	62.5 µm MMF (OM1)
002T58-31331-24	50 µm MMF (OM2)
002T58-31380-24	50 µm MMF (OM3)
002T58-31390-24	50 µm MMF (OM4)
002E58-31331-24	Single-mode (OS2)

Plenum-Rated with 1.6 mm Subunits

Part Number	Description
002K58-31430-24	62.5 µm MMF (OM1)
002T58-31431-24	50 µm MMF (OM2)
002T58-31480-24	50 µm MMF (OM3)
002T58-31490-24	50 µm MMF (OM4)
002E58-31431-24	Single-mode (OS2)

Ribbon Riser and Plenum Interconnect Cables, 2-12 Fibers



- *Meets National Electrical Code® (NEC®) requirements for burn test criteria*
- *All-dielectric strength member offers mechanical durability*

Specifications

Temperatures	Storage: -40° to +70°C (-40° to +158°F) Operation: 0° to +70°C (+32° to +158°F)
Common Installations	Indoor applications; where noted, flame-rated to riser or plenum rating for indoor use
Design and Test Criteria	ICEA S-83-596

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Riser Cables: **LAN-290-EN**; Plenum Cables: **LAN-229-EN**

Ordering Information

Complete the part number by entering fiber count: 002, 004, 008 or 012.
Note: MMF = multimode fiber.

Riser-Rated, 002-004 Fibers

Part Number	Description
_ _ _ **KJ1-41130-0F**	62.5 µm MMF (OM1)
_ _ _ **TJ1-41131-0F**	50 µm MMF (OM2)
_ _ _ **TJ1-41180-0F**	50 µm MMF (OM3)
_ _ _ **TJ1-41190-0F**	50 µm MMF (OM4)
_ _ _ **EJ1-41131-0F**	Single-mode (OS2)

Riser-Rated, 008 Fibers

Part Number	Description
_ _ _ **KJ1-81130-0F**	62.5 µm MMF (OM1)
_ _ _ **TJ1-81131-0F**	50 µm MMF (OM2)
_ _ _ **TJ1-81180-0F**	50 µm MMF (OM3)
_ _ _ **TJ1-81190-0F**	50 µm MMF (OM4)
_ _ _ **EJ1-81131-0F**	Single-mode (OS2)

Riser-Rated, 012 Fibers

Part Number	Description
_ _ _ **KJ1-T3130-0F**	62.5 µm MMF (OM1)
_ _ _ **TJ1-T3131-0F**	50 µm MMF (OM2)
_ _ _ **TJ1-T3180-0F**	50 µm MMF (OM3)
_ _ _ **TJ1-T3190-0F**	50 µm MMF (OM4)
_ _ _ **EJ1-T3131-0F**	Single-mode (OS2)

Plenum-Rated, 002-004 Fibers

Part Number	Description
_ _ _ **KJ8-41130-0F**	62.5 µm MMF (OM1)
_ _ _ **TJ8-41131-0F**	50 µm MMF (OM2)
_ _ _ **TJ8-41180-0F**	50 µm MMF (OM3)
_ _ _ **TJ8-41190-0F**	50 µm MMF (OM4)
_ _ _ **EJ8-41131-0F**	Single-mode (OS2)

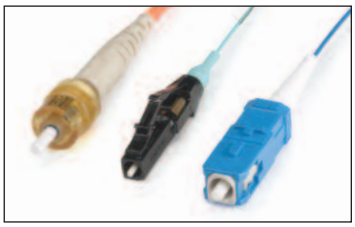
Plenum-Rated, 008 Fibers

Part Number	Description
_ _ _ **KJ8-81130-0F**	62.5 µm MMF (OM1)
_ _ _ **TJ8-81131-0F**	50 µm MMF (OM2)
_ _ _ **TJ8-81180-0F**	50 µm MMF (OM3)
_ _ _ **TJ8-81190-0F**	50 µm MMF (OM4)
_ _ _ **EJ8-81131-0F**	Single-mode (OS2)

Plenum-Rated, 012 Fibers

Part Number	Description
_ _ _ **KJ8-T3130-0F**	62.5 µm MMF (OM1)
_ _ _ **TJ8-T3131-0F**	50 µm MMF (OM2)
_ _ _ **TJ8-T3180-0F**	50 µm MMF (OM3)
_ _ _ **TJ8-T3190-0F**	50 µm MMF (OM4)
_ _ _ **EJ8-T3131-0F**	Single-mode (OS2)

UniCam® Multimode and Single-Mode Connectors



- *Installation in less than a minute with a single, low-cost tool*
- *Factory-polished end-faces for consistent optical performance*
- *Factory-tested for minimum insertion loss*
- *Available in high performance and standard performance multimode, as well as single-mode*

Specifications

Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-10A (LC); TIA/EIA 604-3 (SC); TIA/EIA 604-2 (ST® Compatible)
Qualification	Passed EIA/TIA 568-B.3
Durability	0.2 dB change, 500 rematings, FOTP-21
Operating Temperature	-40º to +75ºC, exceeding EIA/TIA 568-B.3
Typical/Maximum Insertion Loss	Multimode: 0.1/0.5 dB for high performance; 0.3/0.75 dB for standard performance; Single-mode: 0.2/0.5 dB for SPC and UPC polish; 0.4/0.75 dB for APC polish

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Multimode High Performance: **LAN-1220-EN**; Multimode Standard Performance: **LAN-618-EN**; Single-Mode: **LAN-795-EN**

Ordering Information

Organizer packs are packs of 25 unassembled UniCam® Connectors, separated into components, with one 2.0 mm boot. Single packs include a 2.0 mm boot, 2.9 mm boot and crimp ring.

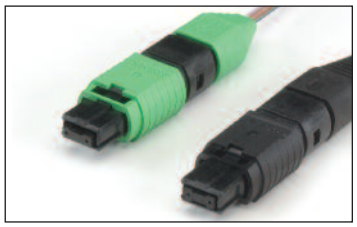
Organizer Pack Part Number	Single Pack Part Number	Description
Multimode		
High Performance		
95-000-99-Z	**95-000-99**	LC (OM1)
95-050-99-Z	**95-050-99**	LC (OM2)
95-050-99-X-Z	**95-050-99-X**	LC (OM3, OM4)
95-000-41-Z	**95-000-41**	SC (OM1)
95-050-41-Z	**95-050-41**	SC (OM2)
95-050-41-X-Z	**95-050-41-X**	SC (OM3, OM4)
95-000-51-Z	**95-000-51**	ST Compatible (OM1)
95-050-51-Z	**95-050-51**	ST Compatible (OM2)
95-050-51-X-Z	**95-050-51-X**	ST Compatible (OM3, OM4)
Standard Performance		
95-000-40-Z	**95-000-40**	SC (OM1)
95-050-40-Z	**95-050-40**	SC (OM2)
95-000-50-Z	**95-000-50**	ST Compatible (OM1)
95-050-50-Z	**95-050-50**	ST Compatible (OM2)
Single-Mode Ceramic Ferrule		
95-200-96-Z	**95-200-96**	LC SPC
95-200-99-Z	**95-200-99**	LC UPC
95-200-41-Z	**95-200-41**	SC SPC
95-200-42-Z	**95-200-42**	SC UPC
95-200-44-Z	**95-200-44**	SC APC
95-200-51-Z	**95-200-51**	ST Compatible SPC
95-200-52-Z	**95-200-52**	ST Compatible UPC

Keyed LC solutions are also available. Visit www.corning.com/cablesystems and enter the literature code LAN-701-EN into the search engine for detailed information, or contact Corning Cable Systems Customer Service at 800-743-2675.

Additional accessories are available beginning on page 91.

Part Number	Description
Tool Kits and Accessories	
TKT-UNICAM-PFC	UniCam Pretium® Tool Kit
OTS-6MDSD-P	OTS-600 Test Set with video inspection probe
CRT-001	Connector Removal Tool with integrated flashlight and two standard AAA batteries

UniCam® MTP® Connectors



- *High-density termination replaces 12 single-fiber connectors*
- *No-epoxy/no-polish technology offers cost-effective installation*
- *Push-pull operation ensures reliability*

Specifications

Intermateability	TIA/EIA-604-5 (FOCIS)
Reflectance	≤ -20 dB for multimode; ≤ -55 dB for single-mode (+18º to +28ºC)
Temperature Cycling	≤ 0.3 dB change, -40º to +75ºC; 21 cycles
Typical/Maximum Insertion Loss	0.5/1.0 dB

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-421-EN**

Ordering Information

Part Number	Description
Non-Pinned	
93-001-69	12-fiber beige housing, black boot (OM1)
93-051-69	12-fiber black housing, black boot (OM2)
93-051-69-X	12-fiber black housing, aqua boot (OM3, OM4)
93-201-69	12-fiber green housing, green boot (OS2)
Pinned	
93-001-70	12-fiber beige housing, black boot (OM1)
93-051-70	12-fiber black housing, black boot (OM2)
93-051-70-X	12-fiber black housing, aqua boot (OM3, OM4)
93-201-70	12-fiber green housing, green boot (OS2)

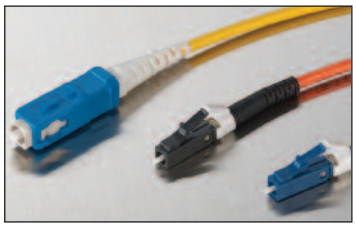
Tool Kits and Accessories

TKT-UNICAM-MTP	Installation Kit for UniCam® MTP® Connector
93-400-18-Y	UniCam MTP Connector Shroud Assembly, yellow
93-400-18-R	UniCam MTP Connector Shroud Assembly, red
93-400-18-O	UniCam MTP Connector Shroud Assembly, orange
93-400-18-G	UniCam MTP Connector Shroud Assembly, green

TKT-UNICAM-MTP

Additional accessories are available beginning on page 91.

Anaerobic-Cure Connectors



- *Quick-cure epoxy eliminates need for lamps or ovens*
- *Minimal tools and no index-matching gel offers low installation cost*
- *Hand polished for minimum insertion loss ensures reliability and optical performance*

Specifications

Intermateability	Compliant with TIA/EIA 604-2 (ST® Compatible), 604-3 (SC) and 604-10 (LC)
Reflectance	Multimode: ≤ -26 dB; Single-mode: ≤ -40 dB
Temperature Cycling	≤ 0.3 dB change, -40º to +75ºC; 21 cycles
Typical/Maximum Insertion Loss	Multimode: 0.2/0.75 dB; Single-mode: 0.2/0.75 dB

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-460-EN**

Ordering Information

All anaerobic-cure connectors are single packs. LC connectors come with 3 mm, 900 µm and combination 2 mm/1.6 mm boots. All SC and ST Compatible Connectors come with 3 mm, 2 mm and 900 µm boots.

Part Number	Description
Multimode	
95-101-98-SP	LC, beige boot (OM1)
95-051-98-SP	LC, black boot (OM2)
95-051-98-SP-X	LC, aqua boot (OM3, OM4)
95-101-41-SP	SC, beige boot (OM1)
95-051-41-SP	SC, black boot (OM2)
95-050-41-SP-X	SC, aqua boot (OM3, OM4)
95-101-52-SP	ST Compatible, metal hardware, beige boot (OM1)
95-051-52-SP	ST Compatible, metal hardware, black boot (OM2)
95-051-52-SP-X	ST Compatible, metal hardware, aqua boot (OM3, OM4)
Single-Mode	
95-201-98-SP	LC, composite hardware, blue boot
95-201-41-SP	SC, composite hardware, blue boot
95-201-52-SP	ST Compatible, metal hardware, blue boot

Tool Kits and Accessories

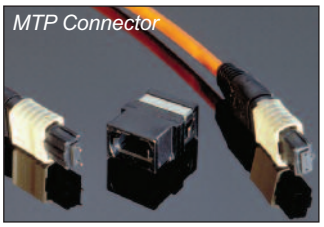
TKT-ANAEROBIC2	Installation Kit for Anaerobic-Cure Connectors
TKT-ANAEROBIC2-C	Anaerobic-Cure Consumables Kit for 500 connectors
CRT-001	Connector Removal Tool with integrated flashlight and two standard AAA batteries

Keyed LC solutions are also available. Visit www.corning.com/cablesystems and enter the literature code LAN-701-EN into the search engine for detailed information, or contact Corning Cable Systems Customer Service at 800-743-2675.

Additional accessories are available beginning on page 91.

Heat-Cure Epoxy-and-Polish Connectors: Single-Fiber and MTP® Connectors

LC Connector


MTP Connector

- *Tuned ferrules for maximum performance*
- *Range of connector styles, including 12-fiber MTP® Connector*
- *Meets TIA standards*

Specifications

Intermateability	Single-Fiber: Compliant with TIA/EIA-568-B.3 and FOCIS - TIA/EIA-604-2 (ST® Compatible), TIA/EIA-604-3 (SC) and TIA/EIA-604-10 (LC)
Durability	Single-Fiber: 0.2 dB change, 500 rematings, FOTP-21; MTP Multimode: < 0.2 dB change (per EIA-455-21A) 500 remates; MTP Single-Mode and MTP Single-Mode Elite: < 0.3 dB change (per EIA-455-21A) 500 remates
Operating Temperature	MTP: -40º to +80ºC
Typical/Maximum Insertion Loss	Single-Fiber: Typical 0.2 dB; MTP Multimode: 0.5 dB maximum; MTP Single-Mode: 0.75 dB maximum; MTP Single-Mode Elite: 0.35 dB maximum

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Heat-Cure Single-Fiber Connectors: **LAN-346-EN**; Heat-Cure MTP Connectors: **LAN-351-EN**

Ordering Information

Part Number	Description

Bulk-Pack Single-Fiber Connectors and Components

Order in multiples of 100, 200, 300, etc. All connectors have ceramic ferrules unless otherwise noted in the description. *Note: For single pack, replace -BP in the part number with -SP. Crimp band and boots are included with single-pack connector.*

LC

95-100-LC-BP	Beige housing (OM1)
95-050-LC-BP	Black housing (OM2)
95-250-LC-BP	Blue housing (OS1)
95-211-LC-BP	APC, green housing (OS1)

SC

95-100-48-BP	Beige housing (OM1)
95-050-48-BP	Black housing (OM2)
95-250-08-BP	Blue housing (OS1)
95-211-08-BP	APC, green housing (OS1)

ST Compatible Connector

95-100-44-BP	Plastic, beige housing (OM1)
95-050-44-BP	Plastic, black housing (OM2)
95-250-06-BP	Plastic, blue housing (OS1)
95-101-49-BP	Metal, beige housing (OM1)
95-051-49-BP	Metal, black housing (OM2)
95-251-49-BP	Metal, green housing (OS1)

Crimp Bands

95-400-12-BP26	LC, 1.6/2.0 mm
95-400-12-BP26-S	LC, heat-shrink, 1.6/2.0 mm
95-400-12-BP3	LC, 3.0 mm
95-400-09-BP26	SC and ST Compatible Connectors, 1.6/2.0 mm
95-400-09-BP3	SC and ST Compatible Connectors, 3.0 mm

Accessories

CRT-001	Connector Removal Tool with integrated flashlight and two standard AAA batteries

Keyed LC solutions are also available. Visit www.corning.com/cablesystems and enter the literature code LAN-701-EN into the search engine for detailed information, or contact Corning Cable Systems Customer Service at 800-743-2675.

Additional accessories are available beginning on page 91.

(continued)

Heat-Cure Epoxy-and-Polish Connectors: Single-Fiber and MTP® Connectors

Ordering Information (continued)

Boots

Order in multiples of 100, 200, 300, etc. *Note: For single pack, replace -BP in the part number with -SP. Crimp band and boots are included with single-pack connector.*

3 mm Part Number	2 mm Part Number	900 µm Part Number	Color
LC			
95-400-11-BP3A	**95-400-11-BP2A-S**	**95-400-11-BP9A**	Aqua
95-400-11-BP3C	**95-400-11-BP2C-S**	**95-400-11-BP9C**	Gray
95-400-11-BP3Y	**95-400-11-BP2Y-S**	**95-400-11-BP9Y**	Yellow
95-400-11-BP3G	**95-400-11-BP2G-S**	**95-400-11-BP9G**	Green
95-400-11-BP3R	**95-400-11-BP2R-S**	**95-400-11-BP9R**	Red
95-400-11-BP3W	**95-400-11-BP2W-S**	**95-400-11-BP9W**	White
95-400-11-BP3N	**95-400-11-BP2N-S**	**95-400-11-BP9N**	Blue
95-400-11-BP3B	**95-400-11-BP2B-S**	**95-400-11-BP9B**	Black
95-400-11-BP3K	**95-400-11-BP2K-S**	**95-400-11-BP9K**	Beige
SC			
95-400-31-BP3A	**95-400-31-BP2A**	**95-400-08-BP9A**	Aqua
95-400-31-BP3C	**95-400-31-BP2C**	**95-400-08-BP9C**	Gray
95-400-31-BP3Y	**95-400-31-BP2Y**	**95-400-08-BP9Y**	Yellow
95-400-31-BP3G	**95-400-31-BP2G**	**95-400-08-BP9G**	Green
95-400-31-BP3R	**95-400-31-BP2R**	**95-400-08-BP9R**	Red
95-400-31-BP3W	**95-400-31-BP2W**	**95-400-08-BP9W**	White
95-400-31-BP3N	**95-400-31-BP2N**	**95-400-08-BP9N**	Blue
95-400-31-BP3B	**95-400-31-BP2B**	**95-400-08-BP9B**	Black
95-400-31-BP3K	**95-400-31-BP2K**	**95-400-08-BP9K**	Beige
ST® Compatible Connector			
95-400-32-BP3A	**95-400-32-BP2A**	**95-400-08-BP9A**	Aqua
95-400-32-BP3C	**95-400-32-BP2C**	**95-400-08-BP9C**	Gray
95-400-32-BP3Y	**95-400-32-BP2Y**	**95-400-08-BP9Y**	Yellow
95-400-32-BP3G	**95-400-32-BP2G**	**95-400-08-BP9G**	Green
95-400-32-BP3R	**95-400-32-BP2R**	**95-400-08-BP9R**	Red
95-400-32-BP3W	**95-400-32-BP2W**	**95-400-08-BP9W**	White
95-400-32-BP3N	**95-400-32-BP2N**	**95-400-08-BP9N**	Blue
95-400-32-BP3B	**95-400-32-BP2B**	**95-400-08-BP9B**	Black
95-400-32-BP3K	**95-400-32-BP2K**	**95-400-08-BP9K**	Beige

MTP® Connector Ferrules

Order in multiples of 100, 200, 300, etc.

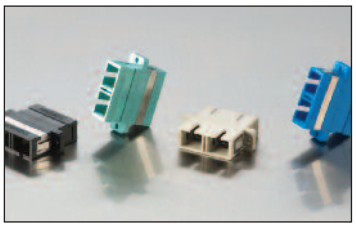
Part Number	Description
94-112-MM-MTBP	MT 12-Fiber Multimode Ferrule
94-212-SM-MTBP	MT 12-Fiber Single-Mode Ferrule
94-252-SME-MTBP	MT 12-Fiber Single-Mode Elite™ Ferrule

MTP Connector Housing Kits

Kits include required boot, spring push, spring, pin, pin clamp assembly, MTP Connector housing assembly and dust cap.
Order in multiples of 50 (50, 100, 150, etc.). *Note: For 12-fiber MIC® 250 Cable solutions, use 12-fiber MIC 250 Interconnect Cable. MM = multimode; SM = single-mode.*

Ribbon Interconnect Cable (Oval Strain-Relief) / Jacketed Cable Boot Part Number	Bare Ribbon / Bare Ribbon Boot Part Number	MIC 250 Cable (Round Strain-Relief) / MIC 250 Cable Boot Part Number	Description
Non-Pinned			
94-115-20-BPJB	**94-115-30-BPRB**	**94-115-40-BPDC**	MM, MTP Connector, beige kit
94-115-21-BPJB	**94-115-31-BPRB**	**94-115-41-BPDC**	MM, MTP Connector, black kit
94-115-28-BPJB	**94-115-38-BPRB**	**94-115-48-BPDC**	MM, MTP Connector, aqua kit
94-115-22-BPJB	**94-115-32-BPRB**	**94-115-42-BPDC**	SM, MTP Connector, green kit
94-115-23-BPJB	**94-115-33-BPRB**	**94-115-43-BPDC**	SM, MTP Elite Connector, mustard kit
Pinned			
94-115-24-BPJB	**94-115-34-BPRB**	**94-115-44-BPDC**	MM, MTP Connector, beige kit
94-115-25-BPJB	**94-115-35-BPRB**	**94-115-45-BPDC**	MM, MTP Connector, black kit
94-115-29-BPJB	**94-115-39-BPRB**	**94-115-49-BPDC**	MM, MTP Connector, aqua kit
94-115-26-BPJB	**94-115-36-BPRB**	**94-115-46-BPDC**	SM, MTP Connector, green kit
94-115-27-BPJB	**94-115-37-BPRB**	**94-115-47-BPDC**	SM, MTP Elite Connector, mustard kit

Fiber Optic Adapters/Interconnect Sleeves



Factory field-installable adapters in a variety of mounting configurations to ensure compatibility with housings, panels, outlets or faceplates.

- *Variety of colors and styles*
- *Ceramic or metal alignment*

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-304-EN**

Ordering Information

Our most common adapter sleeves are listed below. Corning Cable Systems offers many additional options, including adapters with other housing materials. For more information, view the specification sheet listed above or contact Corning Cable Systems Customer Service at 800-743-2675. *Note: APC = Angled PC; UPC = Ultra PC.*

LC Duplex

Composite housing, reduced-flange mounting, ceramic sleeve, integral clip.

Part Number	Description
ADP-DLC0-CCKRC-CLS	Beige (OM1)
ADP-DLC0-CCBRC-CLS	Black (OM2)
ADP-DLC0-CCARC-CLS	Aqua (OM3, OM4)
ADP-DLC0-CCNRC-CLS	Blue (OS1)
ADP-DLC0-CCGRC-CLS	Green (OS1)

SC Duplex

Composite housing, full-flange mounting, ceramic sleeve, metal clip.

Part Number	Description
ADP-DSCO-CCKFL-CLS	Beige (OM1)
ADP-DSCO-CCBFL-CLS	Black (OM2)
ADP-DSCO-CCAFL-CLS	Aqua (OM3, OM4)
ADP-DSCO-CCNFL-CLS	Blue (OS1)
ADP-DSCO-CCGFL-CLS	Green (OS1)

SC

Composite housing, full-flange mounting, ceramic sleeve, metal clip.

Part Number	Description
ADP-SC00-CCKFL-CLS	Beige (OM1)
ADP-SC00-CCBFL-CLS	Black (OM2)
ADP-SC00-CCAFL-CLS	Aqua (OM3, OM4)
ADP-SC00-CCNFL-CLS	Blue (OS1)
ADP-SC00-CCGFL-CLS	Green (OS1)

ST® Compatible Connector

Metal housing, threaded mounting, ceramic sleeve, jam nut clip.

Part Number	Description
ADP-ST00-MCKTH-NLS	Beige (OM1)
ADP-ST00-MCBTH-NLS	Black (OM2)
ADP-ST00-MCATH-NLS	Aqua (OM3, OM4)
ADP-ST00-MCNTH-NLS	Blue (OS1)
ADP-ST00-MCXTH-NLS	(All OM types and OS1)

MTP® Connector

Composite housing, reduced-flange mounting, metal clip.

Part Number	Description
ADP-MTP0-CNARF-CLS	Aqua (OM3)
ADP-MTP0-CNBRF-CLS	Black (All OM types and OS1)

Hybrid Adapters

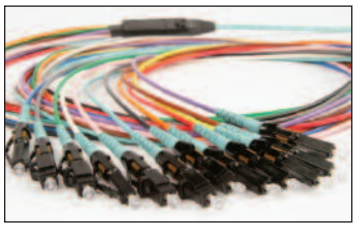
Composite housing, full-flange mounting, ceramic sleeve, metal clip.

Part Number	Description
ADP-DSCS-CCBFL-NLS	ST Compatible to SC duplex
ADP-STSC-CCBFL-NLS	ST Compatible to SC simplex

Accessories

ADP-ST00-CAP	Dust Cap for ST Compatible Connector adapter, black
ADP-MTP0-CAP	Dust Cap for MTP Connector adapter, black
ADP-DSC0-CAP	Dust Cap for SC duplex adapter, black
ADP-SC00-CAP	Dust Cap for SC adapter, black
ADP-LC00-CAP	Dust Cap for LC adapter, clear/opaque

Cable Fan-Out Kits



Corning Cable Systems Fan-Out Kits provide low-cost furcation options for fiber optic cables.

- *Simple step-by-step assembly*
- *Snap-together components eliminate need for epoxy*
- *Available in buffer tube, ribbon, spider and ribbon cable spider versions*

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Buffer Tube Fan-Out: **LAN-103-EN**; Ribbon Fan-Out: **LAN-309-EN**; Spider Fan-Out: **LAN-104-EN**; Ribbon Cable Spider Fan-Out: **LAN-667-EN**

Ordering Information

Buffer Tube Fan-Out Kits

Complete the part number by entering number of fibers per buffer tube: 06 or 12.

Part Number	Description
FAN-BT25- _ _	Indoor use, 25-in tubing length
FAN-BT36- _ _	Indoor use, 36-in tubing length
FAN-BT47- _ _	Indoor use, 47-in tubing length
FAN-OD25- _ _	Outdoor use, 25-in tubing length
FAN-OD47- _ _	Outdoor use, 47-in tubing length

Ribbon Fan-Out Kits

36-in is only recommended if installing into connector modules; 25-in is recommended for connector panels and other Corning Cable Systems hardware.

RIB-FAN-12	25-in tubing, 12 fibers per tube
RIB-FAN-12-36	36-in tubing, 12 fibers per tube

Spider Fan-Out Kits

Complete the part number by entering fiber count: 06, 12, 18 or 24.

250 µm Fiber

SFK- _ _ -250-M	Orange tubing (OM1, OM2)
SFK- _ _ -250-A	Aqua tubing (OM3)
SFK- _ _ -250-S	Yellow tubing (OS1)

900 µm Fiber

SFK- _ _ -900-M	Orange tubing (OM1, OM2)
SFK- _ _ -900-A	Aqua tubing (OM3)
SFK- _ _ -900-S	Yellow tubing (OS1)

Ribbon Cable Spider Fan-Out Kits

Complete the part number by entering fiber count: 24, 48, 72 or 96.

SFK-P- _ _ -RIB-M	Orange tubing (OM1, OM2)
SFK-P- _ _ -RIB-A	Aqua tubing (OM3)
SFK-P- _ _ -RIB-S	Yellow tubing (OS1)

Accessories

Spider and Ribbon Cable Spider Fan-Out Kits

Part Number	Description
2104148-01	Insert Plugs (6 fibers), 250 µm, orange tubing (OM1, OM2)
2104149-01	Insert Plugs (6 fibers), 900 µm, orange tubing (OM1, OM2)
2104150-01	Insert Plugs (6 fibers), 250 µm, yellow tubing (OS1)
2104151-01	Insert Plugs (6 fibers), 900 µm, yellow tubing (OS1)

Ribbon Cable Spider Fan-Out Kits

SFK-P-IH-RIB-M	Horizontal Insert, orange (OM1, OM2)
SFK-P-IV-RIB-M	Vertical Insert, orange (OM1, OM2)
SFK-P-IH-RDB-A	Horizontal Insert, aqua (OM3)
SFK-P-IV-RDB-A	Vertical Insert, aqua (OM3)
SFK-P-IH-RIB-S	Horizontal Insert, yellow (OS1)
SFK-P-IV-RIB-S	Vertical Insert, yellow (OS1)

Corning Cable Systems offers the most complete line of connectors and factory-terminated cables, from single-fiber jumpers to high-fiber-count assemblies.

- *Meet or exceed all industry standards for reflectance and insertion loss*
- *Consistent end-face geometry*
- *Final assemblies quality tested*

Specifications

Typical Insertion Loss	OM1, OM2: 0.35 dB; OM3: 0.15 dB; OS1: 0.15 dB

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-525-EN**

Ordering Information

Because Corning Cable Systems cable assemblies are custom-built, a nearly infinite number of options are available and therefore require you to configure the part number. *Note: All connectors have ceramic ferrules with composite housings. Standard leg lengths are 39 inches except where noted.*

☐☐☐☐ |1 Connector Codes (Table A)

☐☐ |2 Fiber Count

☐☐☐☐☐ |3 Cable Code (Table B)

☐☐☐ |4 Cable Assembly Length

☐ |5 Unit of Measure

|1

Select two connector codes from Table A, listing lowest code first.

See Notes 1 and 2.

Table A: Connector Codes

Type	Code
Pigtail	00
Multimode	
LC PC simplex	03
LC PC duplex	05
SC PC simplex	39
SC PC duplex	57
ST® Compatible PC	50
Single-Mode	
LC UPC simplex	02
LC UPC with 90º Boot Clip	12
LC APC simplex	22
LC UPC duplex	04
LC duplex with 90º Boot Clip	23
SC UPC simplex	58
SC APC simplex	44
SC UPC duplex	72
ST Compatible UPC	61

|2

Select fiber count.

01-96

See Note 3.

|3

Select cable code from Table B based on construction and fiber type.

|4

Select cable assembly length.

001 to 999

See Note 4.

|5

Select unit of measure.

M = Meters
F = Feet

Notes:

1) Connector code is based on type of adapter used at the patch panel and the electronic interface.

2) LC connectors are available on 1.6 mm, 2.0 mm and 900 µm cable types only.

3) For fiber counts greater than 96, contact Corning Cable Systems Customer Service.

4) For lengths greater than 999, contact Corning Cable Systems Customer Service.

For OM4 fiber cable assembly part numbers, contact Corning Cable Systems Customer Service at 800-743-2675.

(continued)

Ordering Information (continued)

Table B: Cable Codes *(Note: Asterisk (*) indicates 25-in standard leg lengths.)*

Type	OM1 Fiber	OM2 Fiber	OM3 Fiber	OS1 Fiber
No Listing Required				
900 µm	K4141	B4131	T4180	R4131
Riser-Rated (OFNR)				
Single-Fiber Cable				
2.9 mm	K3141	B3131	T3180	R3131
2.0 mm	K2141	B2131	T2180	R2131
1.6 mm	K3116	B3116	T3116	R3116
Zipcord Cable (2 fiber)				
2.9 mm	K5141	B5131	T5180	R5131
2.0 mm	K5120	B5120	T5120	R5120
1.6 mm	K5116	B5116	T5116	R5116
DFX® Cable (2 fiber)				
2.9 mm legs	–	–	–	R9131
2.0 mm legs	–	–	–	R9120
Fan-Out Cable (2-24 fibers)				
2.9 mm subunits	K61HD	B61HD	T61HD	R61HD
2.0 mm subunits	K61LD	B61LD	T61LD	R61LD
1.6 mm subunits	K61XD	B61XD	T61XD	R61XD
MIC® Cable (2-12 fibers)				
2.9 mm	K8130	B8131	T8180	R8131
2.0 mm	K8120	B8120	T8120	R8120
900 µm	K81NF	B81NF	T81NF	R81NF
MIC Cable (> 12 fibers)				
2.0 mm legs	K8120	B8120	T8120	R8120
900 µm legs	K8130	B8131	T8180	R8131
MIC Unitized Cable (36-144 fibers)				
2.0 mm legs	K8120	B8120	T8120	R8120
900 µm legs	K8130	B8131	T8180	R8131
Ribbon Interconnect Cable (2, 4 and 12 fiber)	KJ140*	BJ131*	TJ180*	RJ131*
Ribbon Cable	KC725*	BC725*	TC725*	RC725*
ALTOS® Cable	KW725*	BW725*	TW725*	RW725*
Plenum-Rated (OFNP)				
Single-Fiber Cable				
2.9 mm	K3841	B3831	T3880	R3831
2.0 mm	K2841	B2831	T2880	R2831
1.6 mm	K3816	B3816	T3816	R3816
Zipcord Cable (2 fiber)				
2.9 mm	K5841	B5831	T5880	R5831
Fan-Out Cable (2-24 fibers)				
2.9 mm subunits	K68HD	B68HD	T68HD	R68HD
2.0 mm subunits	K68LD	B68LD	T68LD	R68LD
1.6 mm subunits	K68XD	B68XD	T68XD	R68XD
MIC® Cable (2-12 fibers)				
2.9 mm	K8830	B8831	T8880	R8831
2.0 mm	K8820	B8820	T8820	R8820
900 µm legs	K88NF	B88NF	T88NF	R88NF
MIC Cable (> 12 fibers)				
2.0 mm legs	K8820	B8820	T8820	R8820
MIC Unitized Cable (36-144 fibers)				
2.0 mm legs	K8820	B8820	T8820	R8820
900 µm legs	K8830	B8831	T8880	R8831
Ribbon Interconnect Cable (2, 4 and 12 fiber)	KJ840*	BJ831*	TJ880*	RJ831*
Ribbon Cable	KC825*	BC825*	TC825*	RC825*
Indoor/Outdoor				
FREEDM® Cable	KWF25*	BWF25*	TWF25*	RWF25*
FREEDM LST™ Cable	KSF25*	BSF25*	TSF25*	RSF25*
FREEDM Ribbon Riser Cable	KCF25*	BCF25*	TCF25*	RCF25*
FREEDM One Riser Cable (6 and 12 fiber)				
2.9 mm	K8F30	B8F31	T8F80	R8F31
2.0 mm	K8F20	B8F20	T8F20	R8F20
900 µm	K8FNF	B8FNF	T8FNF	R8FNF
FREEDM One Plenum Cable (6 and 12 fiber)				
2.9 mm	K8P30	B8P31	T8P80	R8P31
2.0 mm	K8P20	B8P20	T8P20	R8P20
900 µm	K8PNF	B8PNF	T8PNF	R8PNF
Outdoor				
ALTOS Cable	KW425*	BW425*	TW425*	RW425*
Tactical Cable 2.0 mm	K8U20	–	–	H8U20

- *Compatible with Plug & Play™ Systems modules*
- *Splice in the housing, saving rack space and the cost of additional housing*
- *Housings have a removable latching top (01U and 02U) or forward sliding tray (PCH-M3-01U) for ease of access*
- *1U = One industry-standard rack space of 1.75 in*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
PCH-01U	4 x 43 x 41 (1.75 x 17 x 16)	5 (11)
PCH-02U	9 x 43 x 42 (3.5 x 17 x 16.5)	5.7 (12.6)
PCH-04U	18 x 43 x 41 (7 x 17 x 16)	7.5 (16.5)
PCH-M3-01U	4.5 x 42.5 x 33 (1.75 x 16.8 x 12.75)	3.85 (8.5)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-538-EN**; Pretium® 3-Module Housing: **LAN-727-EN**

Ordering Information

Pretium Connector Housings ship complete with blank panels and hardware to strain-relieve one cable with the universal cable clamp (UCC). The Pretium 3-Module Housing includes cable strain-relief via the RJ-clip integration piece.

Part Number	Description
PCH-01U	1U Pretium Connector Housing; accepts up to 2 CCH panels
PCH-02U	2U Pretium Connector Housing; accepts up to 4 CCH panels
PCH-04U	4U Pretium Connector Housing; accepts up to 12 CCH panels
PCH-M3-01U	1U Pretium Connector Housing; accepts up to 3 reduced-depth CCH-style Plug & Play Universal Systems modules

To order Plug & Play Universal Systems modules for your PCH, see page 10. To order CCH panels, see page 54.

Accessories

PC1-BKT-23	PCH-01U Mounting Brackets for 23-in frames/cabinets (1 set)
PC1-STRN	PCH-01U Strain-Relief Bracket; accepts up to 2 UCC kits (UCC-001)
PC2-STRN	PCH-02U Strain-Relief Bracket; accepts up to 2 UCC kits (UCC-001)
PC4-STRN	PCH-04U Strain-Relief Bracket; accepts up to 2 UCC kits (UCC-001)
UCC-001	Universal Cable Clamp Strain-Relief Kit for use with PC1-STRN or PC4-STRN
CJP-01U-P	Pretium 1U Jumper Management Panel; provides jumper management in a 1.75-in rack space
CJP-02U-P	Pretium 2U Jumper Management Panel; provides jumper management in a 3.5-in rack space
HDWR-LOCK-KIT	Lock Kit for front and/or back door(s) of the PCH-04U housing; contains 1 lock with 2 keys
PC1-LOCK-KIT	Lock Kit for front and/or back door(s) of the PCH-01U housing; contains 1 lock with 2 keys

Additional accessories may be available. View the detailed specifications and information documents referenced above.

Closet Connector Housings (CCH)

- *Rack-mountable housings for interconnect and cross-connect capability*
- *Housings have sliding tray (01U and 02U) or open top at front (03U and 04U) for ease of access*
- *Designed for rack mounting in 19-in (48 cm) racks or optional 23-in (58 cm) equipment racks (1.75-in EIA hole spacing)*
- *1U = One industry-standard rack space of 1.75 in*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
CCH-01U	4.4 x 43.2 x 30.5 (1.75 x 17 x 12)	2.3 (5)
CCH-02U	8.9 x 43.2 x 30.5 (3.5 x 17 x 12)	2.7 (6)
CCH-03U	13.3 x 43.2 x 30.5 (5.25 x 17 x 12)	2.7 (6)
CCH-04U	17.8 x 43.2 x 30.5 (7 x 17 x 12)	3.6 (8)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-1129-EN**

Ordering Information

All Closet Connector Housings ship complete with blank panels and hardware to strain-relieve one cable with the universal cable clamp (UCC) or up to five 0.4-in or smaller cables with the patented UCC insert.

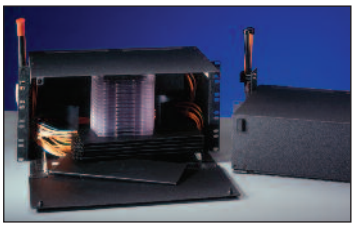
Part Number	Description
CCH-01U	1U Closet Connector Housing; accepts up to 2 CCH panels
CCH-02U	2U Closet Connector Housing; accepts up to 4 CCH panels
CCH-03U	3U Closet Connector Housing; accepts up to 6 CCH panels
CCH-04U	4U Closet Connector Housing; accepts up to 12 CCH panels

To order CCH panels with adapters for your CCH, see page 54.

Accessories

CCH-WALLMNT-KIT	Bracket Kit for wall mounting CCH, 6-rack-spaces tall, hinged
CPP-UCC-KIT	Universal Cable Clamp Kit for CCH-01U and CCH-02U
CCH-UCC-KIT	Universal Cable Clamp Kit for CCH-03U and CCH-04U
CJP-01U	Closet Jumper Management Panel; provides jumper management in a 1.75-in rack space
CJP-02U	Closet Jumper Management Panel; provides jumper management in a 3.5-in rack space
HDWR-LOCK-KIT	Lock Kit for front door of housing; contains 1 lock with 2 keys
FDC-CABLE-GRND	Armored Cable Grounding Kit; contains armored grounding clip and ground strap

Additional accessories may be available. View the detailed specifications and information document referenced above.



- *Patented universal cable clamp provides cable strain-relief*
- *Open-side design enables easy fiber egress*
- *Projection or flush mountable offers various installation options*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
CSH-03U	13.3 x 43.2 x 30.5 (5.25 x 17 x 12)	2.7 (6)
CSH-05U	22.2 x 43.2 x 30.5 (8.75 x 17 x 12)	3.6 (8)
CJH-02U	8.9 x 43.2 x 17.7 (3.5 x 17 x 7)	1.8 (4)
CJH-03U	13.3 x 43.2 x 17.7 (5.25 x 17 x 7)	2.3 (5)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-402-EN**

Ordering Information

Part Number	Description
Color: LANscape® Solutions Black	
CSH-03U	Closet Splice Housing; accepts up to (12) 0.2 in Type 2R, 2S or 2M splice trays in 3 rack spaces (5.25 in)
CSH-03U-F	Closet Splice Housing; accepts up to (7) 0.4 in Type 4R, 4S or 4A splice trays in 3 rack spaces (5.25 in)
CSH-05U	Closet Splice Housing; accepts up to (22) 0.2 in Type 2R, 2S or 2M splice trays in 5 rack spaces (8.75 in)
CSH-05U-F	Closet Splice Housing; accepts up to (14) 0.4 in Type 4R, 4S or 4A splice trays in 5 rack spaces (8.75 in)
Color: Gunmetal Gray	
CSH-03U-P	Closet Splice Housing; accepts up to (12) 0.2 in Type 2R, 2S or 2M splice trays in 3 rack spaces (5.25 in)
CSH-03U-F-P	Closet Splice Housing; accepts up to (7) 0.4 in Type 4R, 4S or 4A splice trays in 3 rack spaces (5.25 in)
CSH-05U-P	Closet Splice Housing; accepts up to (22) 0.2 in Type 2R, 2S or 2M splice trays in 5 rack spaces (8.75 in)
CSH-05U-F-P	Closet Splice Housing; accepts up to (14) 0.4 in Type 4R, 4S or 4A splice trays in 5 rack spaces (8.75 in)
Rear-Mounted CSHs	
CJH-02U	Rear-Mounted Closet Splice Housing; accepts up to (4) 0.2 in Type 2R, 2S or 2M splice trays in 2 rack spaces (3.5 in)
CJH-02U-F	Rear-Mounted Closet Splice Housing; accepts up to (3) 0.4 in Type 4R, 4S or 4A splice trays in 2 rack spaces (3.5 in)
CJH-03U	Rear-Mounted Closet Splice Housing; accepts up to (8) 0.2 in Type 2R, 2S or 2M splice trays in 3 rack spaces (5.25 in)

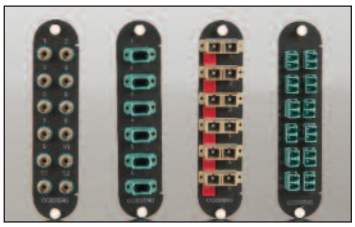
To order splice trays for your CSH, see page 56.

Accessories

CDF-03U-23-BKT	Brackets for mounting the CSH-03U or CSH-03U-F on a 23-in rack
CDF-05U-23-BKT	Brackets for mounting the CSH-05U or CSH-05U-F on a 23-in rack

Additional accessories may be available. View the detailed specifications and information documents referenced above.

Closet Connector Housing Panels (CCH-CP)



- *Universal design approach offers one-size-fits-all LANscape® Solutions housings, rack-mount and wall-mount*
- *Broadest range of fiber count and adapter types provides solutions for all needs*
- *Colored icon labeling makes connector identification easy*

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-133-EN**

Ordering Information

Note: MMF = multimode fiber.

LC Duplex, 08-24 Fibers

Ceramic alignment (metal alignment for OM1 fiber), composite housing. Complete the part number by entering fiber count: 08, 12, 16 or 24.

Part Number	Description
CCH-CP _ _ -A7	62.5 µm MMF (OM1)
CCH-CP _ _ -D3	50 µm MMF (OM2)
CCH-CP _ _ -E4	50 µm MMF (OM3)
CCH-CP _ _ -A9	Single-mode, UPC (OS2)

SC Duplex, 08-12 Fibers

Ceramic alignment (metal alignment for OM1 fiber), composite housing. Complete the part number by entering fiber count: 08 or 12.

Part Number	Description
CCH-CP _ _ -91	62.5 µm MMF (OM1)
CCH-CP _ _ -G7	50 µm MMF (OM2)
CCH-CP _ _ -E7	50 µm MMF (OM3)
CCH-CP _ _ -59	Single-mode, UPC (OS2)

SC, 06-12 Fibers

Ceramic alignment (metal alignment for OM1 fiber), composite housing. Complete the part number by entering fiber count: 06, 08 or 12.

Part Number	Description
CCH-CP _ _ -56	62.5 µm MMF (OM1)
CCH-CP _ _ -G6	50 µm MMF (OM2)
CCH-CP _ _ -E6	50 µm MMF (OM3)
CCH-CP _ _ -3C	Single-mode, UPC (OS2)
CCH-CP _ _ -6C	Single-mode, APC (OS2)

ST® Compatible Connector, 06-12 Fibers

Ceramic alignment (metal alignment for OM1 fiber, part number suffix = 25T), metal housing. Complete the part number by entering fiber count: 06, 08 or 12.

Part Number	Description
CCH-CP _ _ -25T	62.5 µm MMF (OM1)
CCH-CP _ _ -15T	62.5 µm MMF (OM1)
CCH-CP _ _ -G5	50 µm MMF (OM2)
CCH-CP _ _ -H3	50 µm MMF (OM3)
CCH-CP _ _ -19T	Single-mode, UPC (OS2)

MTP® Connector, 36-144 Fibers

Composite housing. Complete the part number by entering fiber count: 36, 72, 96 or 144 (E4).

Part Number	Description
CCH-CP _ _ -69	62.5 µm MMF (OM1)
CCH-CP _ _ -G3	50 µm MMF (OM2)
CCH-CP _ _ -E3	50 µm MMF (OM3)
CCH-CP _ _ -89	Single-mode, UPC (OS2)
CCH-CP _ _ -90	Single-mode, APC (OS2)

Keyed LC solutions are also available. Visit www.corning.com/cablesystems and enter the literature code LAN-701-EN into the search engine for detailed information or contact Corning Cable Systems Customer Service at 800-743-2675.

(continued)

Ordering Information (continued)

Note: MMF = multimode fiber.

LC Duplex, 3 m Pigtail

Part Number	Description
6-Fiber	
CCH-CP06-A7-P03KH	62.5 µm MMF (OM1)
CCH-CP06-D3-P03CH	50 µm MMF (OM2)
CCH-CP06-E4-P03SH	50 µm MMF (OM3,OM4)
CCH-CP06-A9-P03RH	Single-mode (OS2)
12-Fiber	
CCH-CP12-A7-P03KH	62.5 µm MMF (OM1)
CCH-CP12-D3-P03CH	50 µm MMF (OM2)
CCH-CP12-E4-P03SH	50 µm MMF (OM3,OM4)
CCH-CP12-A9-P03RH	Single-mode (OS2)
24-Fiber	
CCH-CP24-A7-P03KH	62.5 µm MMF (OM1)
CCH-CP24-D3-P03CH	50 µm MMF (OM2)
CCH-CP24-E4-P03SH	50 µm MMF (OM3,OM4)
CCH-CP24-A9-P03RH	Single-mode (OS2)

SC Duplex, 3 m Pigtail

Part Number	Description
6-Fiber	
CCH-CP06-91-P03KH	62.5 µm MMF (OM1)
CCH-CP06-G7-P03CH	50 µm MMF (OM2)
CCH-CP06-E7-P03SH	50 µm MMF (OM3,OM4)
CCH-CP06-59-P03RH	Single-mode (OS2)
12-Fiber	
CCH-CP12-91-P03KH	62.5 µm MMF (OM1)
CCH-CP12-G7-P03CH	50 µm MMF (OM2)
CCH-CP12-E7-P03SH	50 µm MMF (OM3,OM4)
CCH-CP12-59-P03RH	Single-mode (OS2)

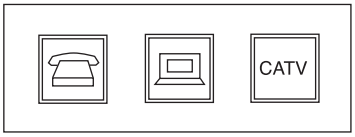
ST® Compatible Connector, 3 m Pigtail

Part Number	Description
6-Fiber	
CCH-CP06-25T-P03KH	62.5 µm MMF (OM1)
CCH-CP06-G5-P03CH	50 µm MMF (OM2)
CCH-CP06-H3-P03SH	50 µm MMF (OM3,OM4)
CCH-CP06-19T-P03RH	Single-mode (OS2)
12-Fiber	
CCH-CP12-25T-P03KH	62.5 µm MMF (OM1)
CCH-CP12-G5-P03CH	50 µm MMF (OM2)
CCH-CP12-H3-P03SH	50 µm MMF (OM3,OM4)
CCH-CP12-19T-P03RH	Single-mode (OS2)

Colored Icons

50 per pack.

Blank Icons	
ICN-YLB	Blank (Yellow)
ICN-RDB	Blank (Red)
ICN-GRB	Blank (Green)
ICN-BLB	Blank (Blue)
ICN-WTB	Blank (White)
Etched Icons	
ICN-BLP	Phone (Blue)
ICN-RDC	Computer (Red)
ICN-GRT	Cable TV (Green)



Accessories

CRT-001	Connector Removal Tool with integrated flashlight and two standard AAA batteries

Splice Trays

- *Metal trays are powder coated to provide ruggedness and durability*
- *Clear plastic covers enable fiber visibility for inspection*
- *Fiber loop retention controls the bend radius*

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-331-EN**

Specifications and Ordering Information

Splice Tray Type and Capacity

Part Number	Type	Heat-Shrink Fusion (HSF)	Heat-Shrink Mass Fusion (HSMF)	Mechanical	RTV Silicone	Splice Pak™
M67-048	2S	12				
M67-031	2S			12		
M67-041	2S				12	
M67-092	2S				24	
M67-112	2S Long	24				
M67-068	2R	6				
M67-061	2R			6		
M67-060	2R				12	
M67-076	4S	12	6			
M67-086	4S				12	
M67-078	4S Wide	24				
UST-024	4A	24	24	24	24	
M67-110	4R	12	6			12

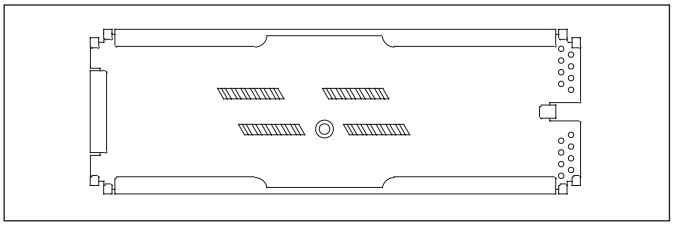
The trays have a “Type” that is shown in both the table above and the following descriptions. This “Type” can be used to match compatibility with various Corning Cable Systems splice housings. RTV fusion splice trays contain an organizer that seals bare splices with the use of RTV. Single-fiber heat-shrink fusion splice trays will accept 60 mm single-fiber heat-shrink fusion splice protectors. Heat-shrink mass fusion splice trays accept multi-fiber heat-shrink mass fusion splice protectors. All splice trays can be used for single-mode or multimode applications.

Part Number

M67-048 /
M67-048-C: Clear Cover

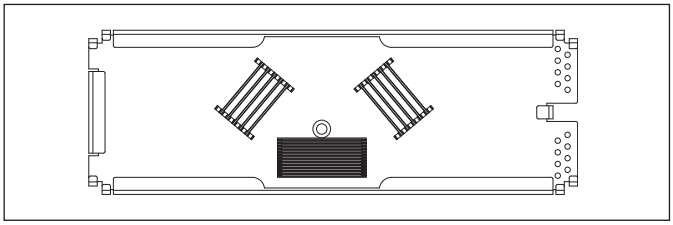
Description / Dimensions: cm (in)

Tray for 12 single-fiber heat-shrink fusion splices - Type 2S
29.7 x 9.9 x 0.5 (11.7 x 3.9 x 0.2)



M67-031

Tray for 12 mechanical splices - Type 2S
29.7 x 9.9 x 0.5 (11.7 x 3.9 x 0.2)

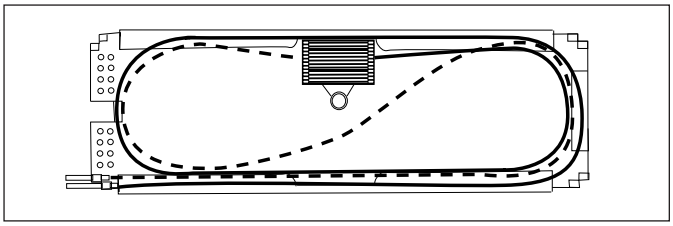


Part Number

M67-041 /
M67-041-C: Clear Cover

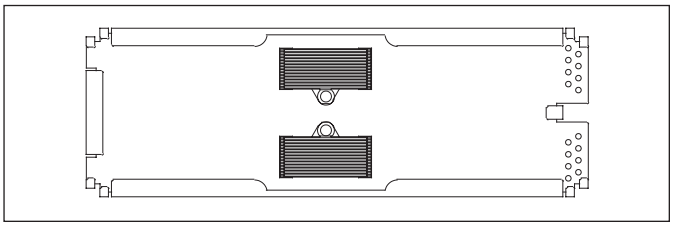
Description / Dimensions: cm (in)

Tray for 12 RTV fusion splices - Type 2S
29.7 x 9.9 x 0.5 (11.7 x 3.9 x 0.2)



M67-092

Tray for 24 RTV fusion splices - Type 2S
29.7 x 9.9 x 0.5 (11.7 x 3.9 x 0.2)



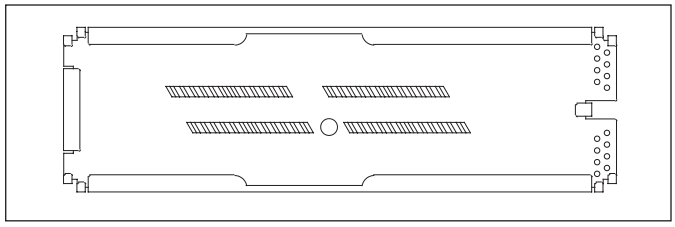
Note: Mechanical trays accept Corning Cable Systems CamSplice™ Mechanical Splice and other mechanical splices with equivalent dimensions.

(continued)

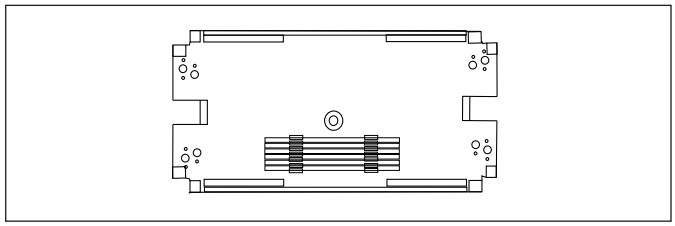
Specifications and Ordering Information (continued)

The trays have a “Type” that is shown in the following descriptions. This “Type” can be used to match compatibility with various Corning Cable Systems splice housings.

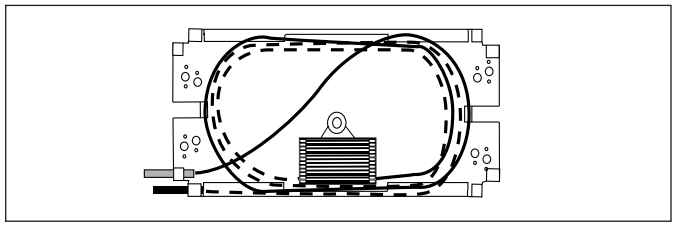
Part Number	Description / Dimensions: cm (in)
M67-112	Long Tray for 24 heat-shrink fusion splices - Type 2S Long 33.6 x 9.9 x 0.5 (13.25 x 3.9 x 0.2)



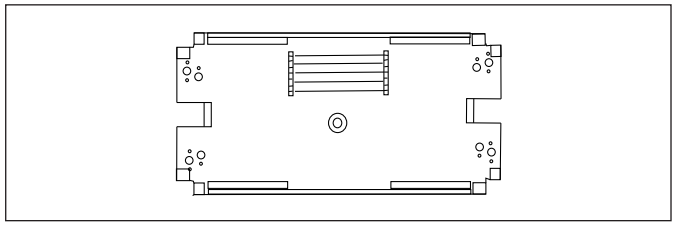
M67-068	Tray for 6 heat-shrink fusion splices - Type 2R 18.5 x 8.9 x 0.5 (7.3 x 3.5 x 0.2)



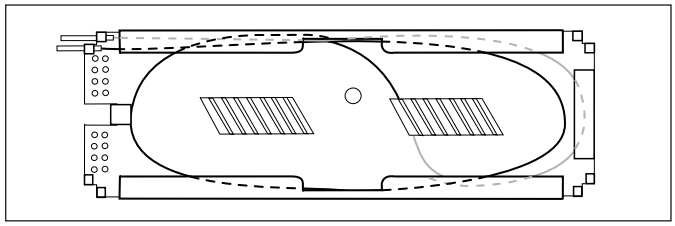
M67-060	Tray for 12 RTV fusion splices - Type 2R 17.5 x 8.9 x 0.5 (6.9 x 3.5 x 0.2)



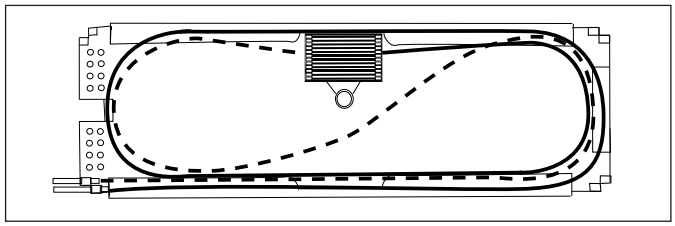
M67-061	Tray for 6 mechanical splices - Type 2R 18.5 x 8.9 x 0.5 (7.3 x 3.5 x 0.2)



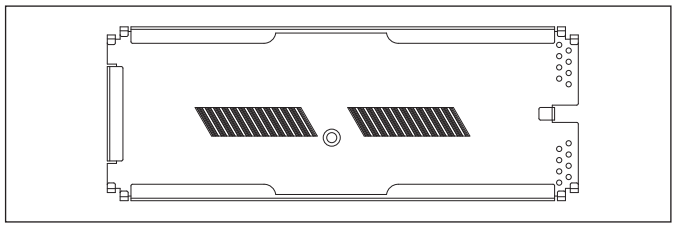
M67-076	Tray for 6 heat-shrink mass fusion splices or 12 heat-shrink fusion splices - Type 4S 29.7 x 9.9 x 1.0 (11.7 x 3.9 x 0.4)



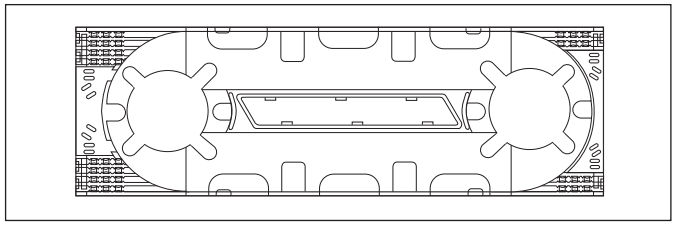
Part Number	Description / Dimensions: cm (in)
M67-086	Tray for 12 RTV fusion splices - Type 4S 29.7 x 9.9 x 1.0 (11.7 x 3.9 x 0.4)



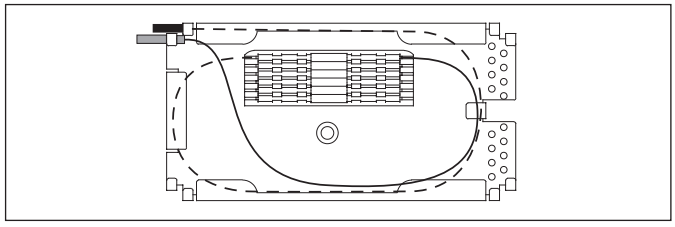
M67-078	Wide Tray for 24 heat-shrink fusion splices - Type 4S Wide 29.7 x 11.0 x 1.0 (11.7 x 4.3 x 0.4)



UST-024	Universal Splice Tray (organizers included for RTV fusion, heat-shrink fusion, mass fusion and mechanical splices) - Type 4A; 24-splice capacity 33 x 10.8 x 1.0 (13 x 4.25 x 0.4)



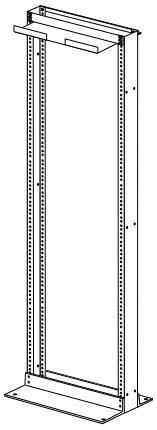
M67-110	Tray for 12 heat-shrink fusion, 12 Splice Pak™ Splice Protectors or 6 heat-shrink mass fusion splices - Type 4R 17.5 x 8.9 x 1.0 (6.9 x 3.5 x 0.4)



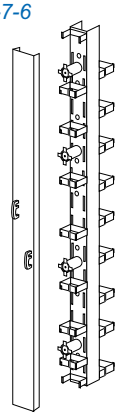
Note: Mechanical trays accept Corning Cable Systems CamSplice™ Mechanical Splice and other mechanical splices with equivalent dimensions.

Cable Management Components

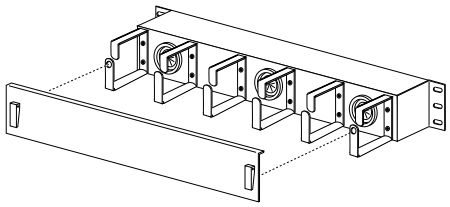
CDF-ER-7A-19



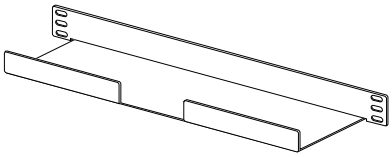
CDF-IBU-CVR-6 and CDF-IBU-7-6



CJP-01U



CDF-CJT-01U-019



- *Flexible design permits use with all types of cable*
- *Strong, lightweight CDF enables easy installation for rack-mount application*
- *Factory-installed jumper trough simplifies jumper routing and management*

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-398-EN**

Specifications and Ordering Information

Part Number	Description	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
CDF-ER-7A-19	Closet Distribution Frame	213 x 48 x 38 (7 ft x 19 x 15)	18.1 (40)
CDF-IBU-7-6	Inter-Bay Storage, 6 in	213 x 15 x 30 (7 ft x 6 x 12)	15 (32)
CDF-IBU-7-10	Inter-Bay Storage, 10 in	213 x 25 x 30 (7 ft x 10 x 12)	16 (35)
CJP-01U	1U Jumper Management Panel	4 x 48 x 13 (1.75 x 19 x 5)	1.4 (3)
CJP-02U	2U Jumper Management Panel	9 x 48 x 13 (3.5 x 19 x 5)	1.8 (4)
CJP-03U	3U Jumper Management Panel	13 x 48 x 13 (5.25 x 19 x 5)	2.3 (5)
CDF-CJT-01U-19	1U Jumper Trough, 19 in	4 x 48 x 13 (1.75 x 19 x 5)	1.4 (3)
CDF-CJT-02U-19	2U Jumper Trough, 19 in	9 x 48 x 13 (3.5 x 19 x 5)	1.8 (4)
BRP-19-1-75	1U Blank-Out Filler Panel, 19 in	4 x 48 x 0.2 (1.75 x 19 x 0.06)	0.9 (2)
BRP-19-2-75	2U Blank-Out Filler Panel, 19 in	9 x 48 x 0.2 (3.5 x 19 x 0.06)	1.1 (2.5)
BRP-19-3-75	3U Blank-Out Filler Panel, 19 in	13 x 48 x 0.2 (5.25 x 19 x 0.06)	1.4 (3)
BRP-19-4-75	4U Blank-Out Filler Panel, 19 in	18 x 48 x 0.2 (7 x 19 x 0.06)	1.6 (3.5)
BRP-19-5-75	5U Blank-Out Filler Panel, 19 in	22 x 48 x 0.2 (8.75 x 19 x 0.06)	1.8 (4)

Part Number	Description
Accessories	
CDF-IBU-CVR-6	Cover for CDF-IBU-7-6
CDF-IBU-CVR-10	Cover for CDF-IBU-7-10
CJH-02U	Rear-Mounted Closet Splice Housing; accepts up to (4) 0.2-in splice trays (Type 2R, 2S or 2M) in 2 rack spaces (3.5 in)
CJH-03U	Rear-Mounted Closet Splice Housing; accepts up to (8) 0.2-in splice trays (Type 2R, 2S or 2M) in 3 rack spaces (5.25 in)
CDF-HUB-05	Cylindrical Cable Management Hub with steel cable retention spokes (typically 4 hubs per IBU)

Wall-Mountable Connector Housings (WCH)

- *Interconnect and cross-connect capabilities offer a variety of applications*
- *Drop-down access door allows for temporary work area during installation*
- *Jumper routing guides enable easy fiber management*

Specifications

Part Number	Dimensions* (H x W x D): cm (in)	Shipping Weight: kg (lb)
WCH-02P	23.5 x 33.2 x 8.2 (9.25 x 13.25 x 3.25)	2.5 (5.4)
WCH-04P	34.3 x 40.8 x 10.3 (13.5 x 16.062 x 4.062)	2.8 (6.2)
WCH-06P	34.3 x 40.8 x 13 (13.5 x 16.062 x 5.125)	3.3 (7.2)
WCH-12P	34.3 x 57.1 x 13 (13.5 x 22.5 x 5.125)	4.1 (9)

**Doors in closed position.*

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-137-EN**

Ordering Information

Part Number	Description
WCH-02P	Wall-Mountable Connector Housing; accepts up to 2 CCH panels
WCH-04P	Wall-Mountable Connector Housing; accepts up to 4 CCH panels
WCH-06P	Wall-Mountable Connector Housing; accepts up to 6 CCH panels
WCH-12P	Wall-Mountable Connector Housing; accepts up to 12 CCH panels

To order CCH panels with adapters for your WCH, see page 54.

Accessories

WJG-02R	Wall-Mountable Jumper Storage Guides for jumper management
WCH-STDOFF-BKT	Wall-Mountable Connector Housing Wall Stand-off Brackets for -04P, -06P, -08P and -12P
WCH-STDOFF-BKT-2P	Wall-Mountable Connector Housing Wall Stand-off Brackets for -02P
BKT-ALL-R23-75	Universal Rack-Mount Bracket for 19-in or 23-in equipment racks
WCH-STRNRLF-KIT	External Cable Strain-Relief Kit
HDWR-LOCK-KIT	Lock Kit for front door of housing; contains 1 lock with 2 keys
WCH-SSH-2	Wall-Mountable Slack Storage Housing for WCH-02P
WCH-SSH-4-12	Wall-Mountable Slack Storage Housing for WCH-04P, WCH-06P, WCH-08P and WCH-12P

Additional accessories may be available. View the detailed specifications and information document referenced above.

Wall-Mountable Interconnect Centers (WIC)

- *Patented universal cable clamp provides strain-relief*
- *Durable metal housing for protection*
- *Lockable doors enable system security*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
WIC-02P	33 x 21.6 x 6.6 (13 x 8.5 x 2.6)	2.3 (5)
WIC-04P	33 x 21.6 x 10.4 (13 x 8.5 x 4.1)	2.7 (6)
WIC2-DOOR	33 x 8.9 x 6.6 (13 x 3.5 x 2.6)	0.9 (2)
WIC4-DOOR	33 x 8.9 x 10.4 (13 x 3.5 x 4.1)	1.1 (2.5)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-570-EN**

Ordering Information

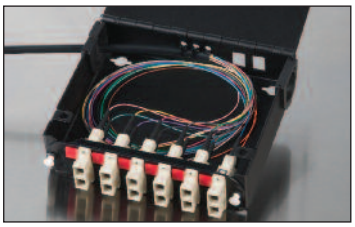
Part Number	Description
WIC-02P	Wall-Mountable Interconnect Center; accepts 2 LANscape® Solutions CCH connector panels or modules, and a maximum of (4) 0.2-in or (2) 0.4-in reduced-length splice trays; supplied with 1 CCH blank panel
WIC-04P	Wall-Mountable Interconnect Center; accepts 4 LANscape Solutions CCH connector panels or modules, and a maximum of (8) 0.2-in or (4) 0.4-in reduced-length splice trays; supplied with 3 CCH blank panels

To order CCH panels with adapters for your WIC, see page 54.

Accessories

WIC2-DOOR	Jumper Protection Door for the WIC-02P
WIC4-DOOR	Jumper Protection Door for the WIC-04P
HDWR-LOCK-KIT	Lock Kit for front door of housing; contains 1 lock with 2 keys
HDWR-LOCK-KIT-2	Lock Kit for front door of housing; contains 1 lock with 2 keys; keyed different from HDWR-LOCK-KIT
CCH-BLNK	Blank Panel, compatible with LANscape Solutions housings
WCH-STRNRLF-KIT	External Cable Strain-Relief Kit

Single-Panel Housing (SPH-01P)



- *Splice management and/or cross-connect versatility*
- *Black metal construction provides durability and protection*
- *Top and bottom cable entry grommets offer midspan access and environmental sealing*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
SPH-01P	16 x 14 x 5 (6.3 x 5.5 x 2)	0.5 (1.1)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-659-EN**

Ordering Information

Part Number	Description
SPH-01P	Single-Panel, Wall-Mount Housing; accepts 1 CCH connector panel; also includes a 6-slot, 0.4-in splice holder and can be used for splice management, cross-connect or both up to 12 fibers

To order CCH panels with adapters for your SPH, see page 54.

Accessories

SPH-01P-BKT	Ledge-Mount Bracket used to mount to the top of a ledge

Industrial Connector Housings (ICH)

- *Meets IP-67 requirements*
- *IP tested for reliability in harsh environments*
- *Routing guides and cable strain-relief provisions are included for easy, out-of-the-box installation*
- *Keyhole mounting holes enable fast installation*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
ICH-02P-IND	26.7 x 33 x 14 (10.5 x 13 x 5.5)	4.5 (10)
ICH-06P-IND	40.1 x 50.8 x 15.2 (16 x 20 x 6)	9.1 (20)
ICH-12P-IND	40.1 x 50.8 x 25.9 (16 x 20 x 10.2)	12.7 (28)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-301-EN**

Ordering Information

All Industrial Connector Housings ship complete with blank panels and hardware to strain-relieve one cable with the universal cable clamp (UCC) or up to five 0.4-in or smaller cables with the patented UCC insert.

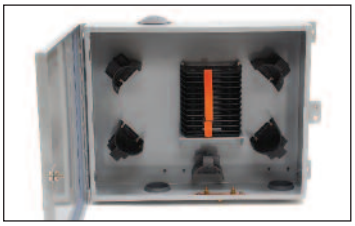
Part Number	Description
ICH-02P-IND	Industrial Connector Housing; accepts 2 CCH connector panels or modules
ICH-06P-IND	Industrial Connector Housing; accepts 6 CCH connector panels or modules
ICH-12P-IND	Industrial Connector Housing; accepts 12 CCH connector panels or modules

To order CCH panels with adapters for your ICH, see page 54.

Accessories

HDWR-LOCK-KIT	Lock Kit for front door of housing; contains 1 lock with 2 keys
FDC-CABLE-GRND	Armored Cable Grounding Kit; contains armored grounding clip and ground strap
ICH-SPLC-2	Splice Tray Holder Kit for ICH-02P-IND; accommodates 4 Type 2R or 2 Type 4R splice trays
ICH-SPLC-6	Splice Tray Holder Kit for ICH-06P-IND; accommodates 6 Type 2R or 3 Type 4R splice trays
ICH-SPLC-12	Splice Tray Holder Kit for ICH-12P-IND; accommodates 12 Type 2R or 6 Type 4R splice trays

Industrial Splice Housing (ISH)



- *NEMA 250-1997 3S and IP64, 65, 66, 67 and 69k tested for reliability in harsh environments*
- *Accepts standard LANscape® Solutions splice trays*
- *Keyhole mounting holes enable fast installation*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
ISH-12SPT	40.1 x 50.8 x 15.2 (16 x 20 x 6)	9.1 (20)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-1116-EN**

Ordering Information

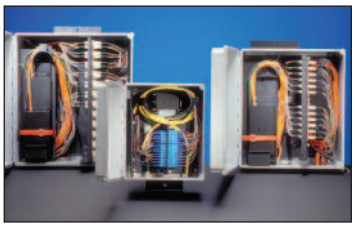
Part Number	Description
ISH-12SPT	Industrial Splice Housing; accepts up to 12 Type 2S splice trays

To order splice trays for your ISH, see page 56.

Accessories

FDC-CABLE-GRND	Armored Cable Grounding Kit; contains armored grounding clip and ground strap

Environmental Distribution Center (EDC)



- *NEMA 4X or IEC IP66 rated means durability and protection from the elements*
- *Lockable cover enables system security*
- *Indoor and outdoor use permits versatility and variety in application*

Specifications

Part Number	Dimensions (H x W x D): mm (in)	Shipping Weight: kg (lb)
EDC-02P-NH	318 x 267 x 159 (12.5 x 10.5 x 6.25)	4.5 (10)
EDC-06P-NH	419 x 368 x 211 (16.5 x 14.5 x 8.3)	9.1 (20)
EDC-12P-NH	472 x 422 x 262 (18.6 x 16.6 x 10.3)	12.7 (28)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-401-EN**

Ordering Information

The Environmental Distribution Center is not provided with cable entry holes.

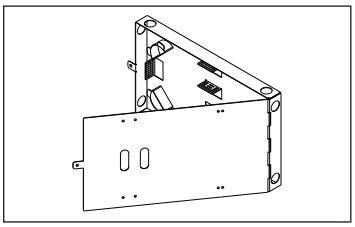
Part Number	Description
EDC-02P-NH	Environmental Distribution Center; accepts 2 CCH connector panels and 2 Type 2R or 1 Type 4R reduced-length splice trays
EDC-06P-NH	Environmental Distribution Center; accepts 6 CCH connector panels and 6 Type 2S or 3 Type 4S splice trays
EDC-12P-NH	Environmental Distribution Center; accepts 12 CCH connector panels and 12 Type 2S, 6 Type 4S or 6 Type 4A splice trays

To order CCH panels with adapters for your EDC, see page 54.

Accessories

HDWR-GRND-KIT	Hardware Grounding Kit; includes 2 ground wires, 1 sheath ground clip and 1 ground bus
BKT-ALL-R23-03	Universal Rack-Mount Kit for mounting to 19-in or 23-in equipment racks
EDC-2EC-KIT	2-in Conduit Standard Fitting Kit
EDC-2N4-KIT	2-in Conduit NEMA 4 Fitting Kit
EDC-2WT-KIT	0.5-in to 1-in Watertight Compression Fitting Kit

Wall-Mountable Slack-Storage Housings (WCH-SSH)



- *Cable strain-relief protects fiber*
- *Compact size for storage of cable slack*
- *Integrated design enables WCH mount to its front*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
WCH-SSH-2	23.5 x 33.2 x 4.95 (9.25 x 13.06 x 1.95)	2.3 (5)
WCH-SSH-4-12	34.3 x 57.2 x 4.95 (13.5 x 22.5 x 1.95)	5.5 (12)

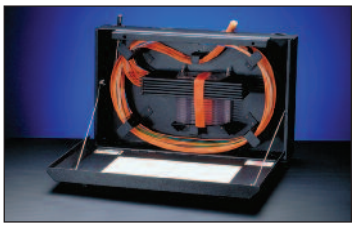
*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-292-EN**

Ordering Information

Part Number	Description
WCH-SSH-2	Slack Storage Housing; accepts up to (4) 0.2 in Type 2R or (2) 0.4 in Type 4R splice trays; accommodates a WCH-02P on its front door
WCH-SSH-4-12	Slack Storage Housing; accepts up to (8) 0.2 in Type 2R, Type 2S or Type 2M; or (4) 0.4 in Type 4R, 4S or 4A splice trays; accommodates a WCH-04P, WCH-06P or WCH-12P on its front door

To order splice trays for your WCH-SSH, see page 56.

Wall-Mountable Splice Housings (WSH)



- *Front door can be used as a convenient work surface for splicing*
- *Compatible with LANscape® Solutions WCH-12P*
- *Provides midspan access capability*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
WSH-16SPT	34 x 57 x 13 (13.5 x 22.5 x 5.2)	4.1 (9)
WSH-11SPT-F	34 x 57 x 13 (13.5 x 22.5 x 5.2)	4.1 (9)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-399-EN**

Ordering Information

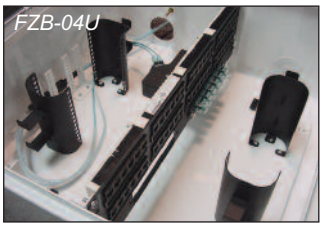
Part Number	Description
WSH-16SPT	Wall-Mountable Splice Housing; accepts up to (16) 0.2 in (Type 2S, 2R or 2M) splice trays
WSH-11SPT-F	Wall-Mountable Splice Housing; accepts up to (11) 0.4 in (Type 4S, 4R or 4A) splice trays

To order splice trays for your WSH, see page 56.

Accessories

GROUND-KIT-2	WSH Grounding Kit; includes a grounding bar and hardware
BKT-ALL-R23-75	Universal Rack-Mount Bracket for 19-in or 23-in equipment racks
HDWR-LOCK-KIT	Lock Kit for front door of housing; contains 1 lock with 2 keys

Fiber Zone Boxes (FZB-04U and FZB-04P)


FZB-04U

FZB-04P

- *Removable backplate on FZB-04U and removable cover on FZB-04P ease installation*
- *Robust lock provides additional security on FZB-04U*
- *FZB-04P mounts vertically or horizontally for easy viewing of adapter plane*
- *FZB-04U is UL Listed to US and Canadian standards, NEMA 1, 2, 5, 12K rated for safety*

Specifications

Part Number	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
FZB-04U	54 x 54 x 21.6 (21.25 x 21.25 x 8.5)	6.8 (15)
FZB-04P	10.1 x 45.7 x 32 (4 x 18 x 12.6)	6.8 (15)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* FZB-04U: **LAN-36-EN**; FZB-04P: **LAN-1097-EN**

Ordering Information

Part Number	Description
FZB-04U	Fiber Zone Box; accepts up to 12 CCH connector panels or modules or up to 4U of 19-in rack-mountable items
FZB-04P	Fiber Zone Box; accommodates 4 CCH-style panels or Plug & Play™ Systems modules

To order Plug & Play™ Universal Systems modules for your FZB, see page 10. To order CCH panels, see page 54.

Accessories

UCC-001	Universal Cable Clamp Strain-Relief Kit for 0.375- to 1.125-in cable diameters
UCC-005	Universal Cable Clamp Strain-Relief Kit for 5 cables with 0.4-in maximum O.D.

Additional accessories may be available. View the detailed specifications and information documents referenced above.

Workstation Multimedia Outlet (WMO)

- *Mounting flexibility allows surface-mount, single-gang or dual-gang electrical outlet*
- *Internal routing guides provide protection of terminated fiber and copper cabling*
- *Voice, video and data in one outlet offer diversity and convenience*

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-48-EN**

Specifications and Ordering Information

Outlets

Accepts 5 panels; supplied with 5 blank panels.

Part Number	Dimensions (H x W x D): cm (in)	Weight: g (oz)	Color
WMO-85	14.4 x 14.4 x 4.06 (5.7 x 5.7 x 1.6)	283.5 (10)	White
WMO-35	14.4 x 14.4 x 4.06 (5.7 x 5.7 x 1.6)	283.5 (10)	Beige

Fiber Optic Panels

Note: MMF = multimode fiber.

LC Duplex

Ceramic alignment, composite housing. Complete the part number by entering number of fiber connections per panel: 1, 2 or 4.

Color: White

Part Number	Description
WMO-CP0 _ -A8-85	62.5 µm MMF (OM1)
WMO-CP0 _ -D3-85	50 µm MMF (OM2)
WMO-CP0 _ -E4-85	50 µm MMF (OM3)
WMO-CP0 _ -A9-85	Single-mode, UPC (OS2)

Color: Beige

Part Number	Description
WMO-CP0 _ -A8-35	62.5 µm MMF (OM1)
WMO-CP0 _ -D3-35	50 µm MMF (OM2)
WMO-CP0 _ -E4-35	50 µm MMF (OM3)
WMO-CP0 _ -A9-35	Single-mode, UPC (OS2)

SC Duplex

Ceramic alignment (metal alignment for OM1 fiber), composite housing. Complete the part number by entering number of fiber connections per panel: 1, 2 or 4.

Color: White

Part Number	Description
WMO-CP0 _ -91-85	62.5 µm MMF (OM1)
WMO-CP0 _ -G7-85	50 µm MMF (OM2)
WMO-CP0 _ -E7-85	50 µm MMF (OM3)
WMO-CP0 _ -59-85	Single-mode, UPC (OS2)

Color: Beige

Part Number	Description
WMO-CP0 _ -91-35	62.5 µm MMF (OM1)
WMO-CP0 _ -G7-35	50 µm MMF (OM2)
WMO-CP0 _ -E7-35	50 µm MMF (OM3)
WMO-CP0 _ -59-35	Single-mode, UPC (OS2)

ST® Compatible Connector

Ceramic alignment, metal housing. Complete the part number by entering number of fiber connections per panel: 1 or 2.

Color: White

Part Number	Description
WMO-CP0 _ -15T-85	62.5 µm MMF (OM1)
WMO-CP0 _ -G5-85	50 µm MMF (OM2)
WMO-CP0 _ -E5-85	50 µm MMF (OM3)
WMO-CP0 _ -19T-85	Single-mode, UPC (OS2)

Color: Beige

Part Number	Description
WMO-CP0 _ -15T-35	62.5 µm MMF (OM1)
WMO-CP0 _ -G5-35	50 µm MMF (OM2)
WMO-CP0 _ -E5-35	50 µm MMF (OM3)
WMO-CP0 _ -19T-35	Single-mode, UPC (OS2)

- *All-metal welded construction provides protection from exposure in high traffic areas*
- *Screw-on cover prevents unauthorized access; available with standard or secure screws*
- *Bend-radius/strain-relief provisions ensure continued connectivity*

Specifications

Version	Dimensions (H x W x D): cm (in)	Shipping Weight: kg (lb)
Shallow	16.5 x 15.6 x 2 (6.48 x 6.17 x 0.79)	0.9 (2)
Deep	16.5 x 15.6 x 5.7 (6.48 x 6.17 x 2.2)	0.9 (2)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-335-EN**

Ordering Information

Ruggedized Information Outlets are available in both shallow and deep versions, and a secure cover screw is also available. Part numbers for shallow versions with standard cover screws are available below. For additional configurations, consult the detailed specifications and information document referenced above. *Note: MMF = multimode fiber.*

LC Duplex, 4-8 Fibers

Color: White

Part Number	Description	Fibers
RIO-D4-A8-B-85	62.5 µm MMF (OM1), ceramic insert	4
RIO-D4-D3-B-85	50 µm MMF (OM2), ceramic insert	4
RIO-D4-A9-B-85	Single-mode (OS2), ceramic insert	4
RIO-D8-A8-B-85	62.5 µm MMF (OM1), ceramic insert	8
RIO-D8-D3-B-85	50 µm MMF (OM2), ceramic insert	8
RIO-D8-A9-B-85	Single-mode (OS2), ceramic insert	8

Color: Beige

Part Number	Description	Fibers
RIO-D4-A8-B-35	62.5 µm MMF (OM1), ceramic insert	4
RIO-D4-D3-B-35	50 µm MMF (OM2), ceramic insert	4
RIO-D4-A9-B-35	Single-mode (OS2), ceramic insert	4
RIO-D8-A8-B-35	62.5 µm MMF (OM1), ceramic insert	8
RIO-D8-D3-B-35	50 µm MMF (OM2), ceramic insert	8
RIO-D8-A9-B-35	Single-mode (OS2), ceramic insert	8

SC Duplex, 4-8 Fibers

Color: White

Part Number	Description	Fibers
RIO-D4-91-B-85	62.5 µm MMF (OM1), metal insert	4
RIO-D4-G7-B-85	50 µm MMF (OM2), ceramic insert	4
RIO-D4-59-B-85	Single-mode (OS2), ceramic insert	4
RIO-D8-91-B-85	62.5 µm MMF (OM1), metal insert	8
RIO-D8-G7-B-85	50 µm MMF (OM2), ceramic insert	8
RIO-D8-59-B-85	Single-mode (OS2), ceramic insert	8

Color: Beige

Part Number	Description	Fibers
RIO-D4-91-B-35	62.5 µm MMF (OM1), metal insert	4
RIO-D4-G7-B-35	50 µm MMF (OM2), ceramic insert	4
RIO-D4-59-B-35	Single-mode (OS2), ceramic insert	4
RIO-D8-91-B-35	62.5 µm MMF (OM1), metal insert	8
RIO-D8-G7-B-35	50 µm MMF (OM2), ceramic insert	8
RIO-D8-59-B-35	Single-mode (OS2), ceramic insert	8

SC, 2-4 Fibers

Color: White

Part Number	Description	Fibers
RIO-02-56-B-85	62.5 µm MMF (OM1), metal insert	2
RIO-02-3C-B-85	Single-mode (OS2), ceramic insert	2
RIO-04-56-B-85	62.5 µm MMF (OM1), metal insert	4
RIO-04-3C-B-85	Single-mode (OS2), ceramic insert	4

Color: Beige

Part Number	Description	Fibers
RIO-02-56-B-35	62.5 µm MMF (OM1), metal insert	2
RIO-02-3C-B-35	Single-mode (OS2), ceramic insert	2
RIO-04-56-B-35	62.5 µm MMF (OM1), metal insert	4
RIO-04-3C-B-35	Single-mode (OS2), ceramic insert	4

ST® Compatible Connector, 2-4 Fibers

Color: White

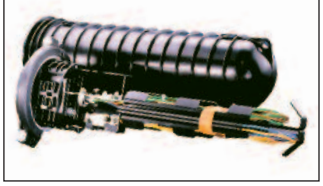
Part Number	Description	Fibers
RIO-02-15T-B-85	62.5 µm MMF (OM1), ceramic insert	2
RIO-02-19T-B-85	Single-mode (OS2), ceramic insert	2
RIO-04-15T-B-85	62.5 µm MMF (OM1), ceramic insert	4
RIO-04-19T-B-85	Single-mode (OS2), ceramic insert	4

Color: Beige

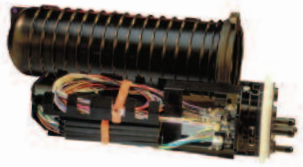
Part Number	Description	Fibers
RIO-02-15T-B-35	62.5 µm MMF (OM1), ceramic insert	2
RIO-02-19T-B-35	Single-mode (OS2), ceramic insert	2
RIO-04-15T-B-35	62.5 µm MMF (OM1), ceramic insert	4
RIO-04-19T-B-35	Single-mode (OS2), ceramic insert	4

Splice Closure Fiber (SCF) Family

SCF-4C18-01



SCF-6C22-01



SCF-6C28-ORS

SCF-8C28-01-F

- *Sealed butt-style closure for environmental protection*
- *Suitable for aerial, wall, pole and direct buried applications*
- *Reel-end to reel-end splicing in open ribbon systems (ORS) eliminates need for additional splice trays*

Specifications

Part Number	Dimensions (W x L): mm (in)	Weight: kg (lb)
SCF-4C18-01	113 x 441 (4.6 x 18)	2.2 (6)
SCF-6C22	168 x 550 (6.6 x 22)	5.18 (14)
SCF-6C28	168 x 711 (6.6 x 28)	5.92 (16)
SCF-8C28	201 x 711 (8.2 x 28)	8.14 (22)

Each 4-in canister is equipped to install 1 of the 3 available drop ports, ground for 2 cables. Each 6-in canister is equipped to install 2 of the 4 available drop ports, ground for 2 cables. Each 8-in canister is equipped to install 2 of the 6 available drop ports, ground for 2 cables.

	4-inch Canister 18 in LID	6-inch Canister 22 in LID	6-inch Canister 28 in LID	8-inch Canister 28 in LID
Internal Diameter: mm (in)	113 (4.6)	168 (6.6)	168 (6.6)	201 (8.2)
Outside Diameter with Clamp: mm (in)	179 (7.3)	198 (7.8)	198 (7.8)	296 (12.1)
Dome Length: mm (in)	441 (18)	550 (22)	711 (28)	711 (28)
Ground Feed Through Cable Entries	1	1	1	1
Ports	5	6	6	8
Feeder/Express: mm (in)	2 x 12 - 20 (2 x 0.5 - 0.8)	12 - 25 (2 x 0.5 - 1)	12 - 25 (2 x 0.5 - 1)	12 - 32 (2 x 0.5 - 1.3)
Drops (cut): mm (in)	0.2 x 0.6 (3 x 5 - 15)	4 x 0.2 - 0.7 (5 - 18)	4 x 0.2 - 0.7 (5 - 18)	6 x 5.1 (12 - 25)
Flat Drop Consolidation	6	8	8	24
Flat Drop Grommet Kit	SCF-KT-G42-F	SCF-KT-G62-F	SCF-KT-G62-F	SCF-KT-G84-F

(continued)

Specifications (continued)

	4-inch Canister 18 in LID	6-inch Canister 22 in LID	6-inch Canister 28 in LID	8-inch Canister 28 in LID
End Cap	SCF-4C18-01 (only configuration) 72 splices			
Dimensions (D x L): in	4 x 18	6 x 22	6 x 28	8 x 28
Splicing Capacity-01	–	72	144	240
Splicing Capacity-01-F	–	96	192	288
Splicing Capacity-02	–	144	288	480
Splicing Capacity-02-F	–	192	384	576
Splicing Capacity-ORS	–	288	432	864
Splicing Capacity-XORS	–	–	–	1296
0.2 in Trays for Single-Fiber Splices only	SCF-ST-099	SCF-ST-099	SCF-ST-112	SCF-ST-112
0.4 in Trays for Single-Fiber or Mass Splices (for -F only)	–	SCF-ST-116	SCF-ST-077	SCF-ST-077

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-316-EN**

Ordering Information

For other configurations, please consult the detailed specifications and information document referenced above.

Part Number	Description
4-in Diameter	
SCF-4C18-01-F	18-in length, full slack storage basket, one 0.4-in high tray stacker (single-fiber or ribbon)
SCF-4C18-02-F	18-in length, reduced slack storage, two 0.4-in high tray stackers (single-fiber or ribbon)
6-in Diameter	
SCF-6C22-01-F	22-in length, full slack storage basket, one 0.4-in high tray stacker (single-fiber or ribbon)
SCF-6C22-02-F	22-in length, reduced slack storage, two 0.4-in high tray stackers (single-fiber or ribbon)
SCF-6C28-01-F	28-in length, full slack storage basket, one 0.4-in high tray stacker (single-fiber or ribbon)
SCF-6C28-02-F	28-in length, reduced slack storage, two 0.4-in high tray stackers (single-fiber or ribbon)
SCF-6C28-ORS	28-in length, open ribbon system (does not require trays)
8-in Diameter	
SCF-8C28-01-F	28-in length, full slack storage basket, one 0.4-in high tray stacker (single-fiber or ribbon)
SCF-8C28-02-F	28-in length, reduced slack storage, two 0.4-in high tray stackers (single-fiber or ribbon)
SCF-8C28-ORS	28-in length, open ribbon system (does not require trays)
SCF-8C28-XORS	28-in length, open ribbon system (does not require trays)

(continued)

Ordering Information (continued)

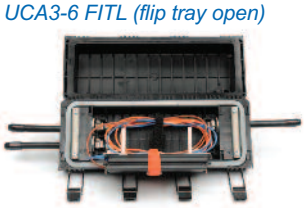
Part Number	Description
Accessories	
SCF-KT-GND	SCF Ground Kit, all sizes (2 bond clamps and leads)
UCN-GND-SC20	Ground Bonds, small with central member strain-relief (package of 20)
UCN-GND-S20	Ground Bonds, small (package of 20)
UCN-GNDCBL-20	Ground Leads (package of 20)
UCN-KT-LB	Silicone Lubricant for dome seal (package of 10)
SCF-KT-ECR4	End Cap Kit - end cap, hardware, tape, paste, tool and lube, 4 in
SCF-KT-ECR6	End Cap Kit - end cap, hardware, tape, paste, tool and lube, 6 in
SCF-KT-ECR8	End Cap Kit - end cap, hardware, tape, paste, tool and lube, 8 in
BKT-SC-C	Aerial Hanging Bracket SCF (all sizes)
SCF-POLE-BKT4	Pole/Wall Bracket, 4 in
SCF-POLE-BKT6	Pole/Wall Bracket, 6 in
SCF-POLE-BKT8	Pole/Wall Bracket, 8 in
Add-a-Cable Kits	
SCF-KT-4CBL	Add-a-Cable Kit for round drop cable in 4-in end cap (package of one)
SCF-KT-6CBL	Add-a-Cable Kit for round drop cable in 6-in end cap (package of two)
SCF-KT-8CBL	Add-a-Cable Kit for round drop cable in 8-in end cap (package of two)
SCF-KT-G42-F	2-Hole Grommet Kit for 5 x 10 mm flat cable, 4 in
SCF-KT-G62-F	2-Hole Grommet Kit for 5 x 10 mm flat cable, 6 in
SCF-KT-G84-F	4-Hole Grommet Kit for 5 x 10 mm flat cable, 8 in
SCF-KT-G62-6	2-Hole Grommet Kit for 5 to 7 mm round cable, 6 in
SCF-KT-G62-8	2-Hole Grommet Kit for 7 to 9 mm round cable, 6 in
SCF-KT-G82-6	2-Hole Grommet Kit for 5 to 7 mm round cable, 8 in
SCF-KT-G83-11	3-Hole Grommet Kit for 10 to 12 mm round cable, 8 in

UCA Grounding and UCAO Splice Closures

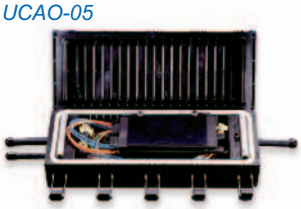
UCA3-6

UCA3-6 FITL

UCA3-6 FITL (flip tray open)



UCAO-05



- *Hinged case with snap-open clips provides easy access*
- *Reusable seals require cleaning and lubrication only*
- *No special tool requirement is cost-effective*

Specifications

Part Number	Dimensions (H x W x D): mm (in)	Weight: kg (lb)
UCAO Closures		
UCA3-6	124 x 150 x 308 (4.8 x 5.9 x 12.1)	1.4 (3.0)
UCA3-6-FITL	124 x 150 x 308 (4.8 x 5.9 x 12.1)	1.6 (3.5)
UCAO-05	121 x 162 x 381 (5 x 6 x 15)	2.2 (4.8)
UCAO-05-24	121 x 162 x 381 (5 x 6 x 15)	2.4 (5.3)
Part Number	**Dimensions (H x W x D): mm (in)**	
Splice Trays		
UCAO-ST-01	187 x 92 x 8 (7.4 x 3.6 x 0.33)	
UCAO-ST-02	187 x 92 x 8 (7.4 x 3.6 x 0.33)	
UCAO-ST-03	187 x 92 x 8 (7.4 x 3.6 x 0.33)	
UCAO-ST-04	187 x 92 x 8 (7.4 x 3.6 x 0.33)	
UCA3-ST-122	157 x 76 x 10 (6.2 x 3 x 0.39)	

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-670-EN**

(continued)

UCA Grounding and UCAO Splice Closures

Ordering Information

Part Number	Description	Cable Entries	Number of Trays Accepted	Fiber Count
UCAO Closures				
UCA3-6	Grounding Closure	4	0	0
UCA3-6-FITL	Fiber-in-the-Loop application offers copper and fiber splicing	4	1	6
UCAO-05	With 5 tray shelves	4	5	60
UCAO-05-24	With 5 tray shelves; includes (2) UCAO-ST-02 trays	4	2-5	24-60

Part Number	Description
Splice Trays	
UCAO-ST-01	UCAO Splice Tray holds 12 bare fiber splices
UCAO-ST-02	UCAO Splice Tray holds 12 heat-shrink splice protectors
UCAO-ST-03	UCAO Splice Tray holds 4 mass fusion splice protectors
UCAO-ST-04	UCAO Splice Tray holds 12 CamSplice™ Mechanical Splices
UCA3-ST-122	UCA3-6 Splice Tray holds 12 single-fiber splices and 2 mass fusion splice protectors

Part Number	Description	Package Quantity
Accessories		
UCA-KT-AHD	Aerial Hanging Bracket with J Hook	1
UCA4-KT-AHD	Aerial Hanging Bracket without J Hook	1
UCAO-BK1	Wall/Pole-Mount Bracket (pole straps not included)	1
UCAO-TP	Sealing Tape	10
UCAO-GND	Central Member Grounding Kit	10
UCN8-KT-BND	Pole Strap	1
UCN-KT-IT-TT	Band-it Tool for Pole Strap	1
UCN-KT-SGS	2-Piece Solid Ground Screw	1
UCN-KT-FV	Flash Valve	5
UCA3-KT-EXP	UCA3-6 Strain-Relief Hardware	10

OTS-600 Series

LTK-400 Series

- *OTS-600 Series auto wavelength switching and detection cuts typical testing time in half*
- *OTS-600 Series offers data storage capabilities*
- *LTK-400 Series features high output power and calibrated wavelengths for unparalleled performance*
- *Units may be purchased individually or as test kits*

Specifications

	OTS-600 Series	LTK-400 Series
Dimensions (H x W x D): cm (in)	28.4 x 12.5 x 7.8 (11.19 x 4.83 x 3.06) Source: 19.0 x 10.0 x 6.2 (7.5 x 4.0 x 2.5)	18.5 x 10.0 x 5.5 (7.25 x 4 x 2.125)
Weight: kg (lb)	0.98 (2.16) Source: 0.48 (1.1)	0.4 (0.9)
Temperatures	Storage: -20º to +70ºC (-4º to +158ºF) Operation: 0º to +50ºC (+32º to +122ºF)	Storage: -40º to +70ºC (-40º to +158ºF) Operation: -10º to +50ºC (+14º to +122ºF)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* OTS-600 Series: **LAN-942-EN**; LTK-400 Series: **LAN-629-EN**

Ordering Information

Part Number	Description

OTS-600 Series

Optical Sources

Optical sources shown below include an integrated 650 nm visual fault locator (VFL), Li-Ion rechargeable battery and AC power adapter, wrist strap and user's manual.

OS-403RD	Multimode Optical Source (850/1300 nm LED) with SC source port adapter
OS-404RXD	Single-mode Optical Source (1310/1550 nm laser) with SC source port adapter
OS-4RMDSD	Single-mode/Multimode Optical Source (850/1300 nm LED and 1310/1550 nm laser) with two SC source port adapters

Optical Meter

OM-610	Optical Power Meter with 40 calibrated wavelengths, data storage for 10,000 traces, USB cable for data transfer, OTS-View software, Li-Ion rechargeable battery and AC power adapter, SC meter port adapter, wrist strap and user's manual

Optical Testers

Optical testers shown below include an optical power meter, integrated 650 nm VFL, SC meter port adapter, USB cable for data transfer, OTS-View software, Li-Ion rechargeable battery and AC power adapter, wrist strap and user's manual.

OT-611MD	Multimode 2-Fiber Tester with 850/1300 nm LED source and SC source port adapter
OT-612SD	Single-mode 2-Fiber Tester with 1310/1550 nm laser source and SC source port adapter
OT-613QD	Single-mode/Multimode 2-Fiber Tester with 850/1300 nm LED and 1310/1550 nm laser sources and two SC source port adapters

Test Kits

Test kits shown below include an integrated 650 nm VFL, OM-610 power meter, USB cable for data transfer, SC source port adapter, LC meter adapter, SC meter adapter, ST® Compatible meter adapter, two Li-Ion rechargeable batteries and two AC power adapters, OTS-View software, two wrist straps, cleaning supplies, hard transit case and user's manual. *Note: For kits with video inspection probe (VIP) and bulkhead tip set for SC, FC and universal 2.5 mm, add -P to the part number.*

OTS-600MD	Multimode Test Kit with OS-403RD (850/1300 nm LED) source and multimode testing mandrels
OTS-600SD	Single-mode Test Kit with OS-404RXD (1310/1550 nm laser) source
OTS-6MDSD	Single-mode/Multimode Test Kit with OS-4RMDSD (850/1300 nm LED and 1310/1550 nm laser) source and multimode testing mandrels

(continued)

Ordering Information (continued)

Part Number	Description

OTS-600 Series (continued)

Test Kits (continued)

Test kits shown below include an integrated 650 nm visual fault locator (VFL) and power meter, two Li-Ion rechargeable batteries and two AC power adapters, two USB cables for data transfer, OTS-View software, two wrist straps, cleaning supplies, hard transit case and user's manual. *Note: For kits with video inspection probe (VIP) and bulkhead tip set for SC, FC and universal 2.5 mm, add -P to the part number.*

OTS-611MD	Multimode OLTS Test Kit for bi-directional testing with (2) OT-611MD testers (850/1300 nm LED), two SC source port adapters, two LC meter adapters, two SC meter adapters, two ST® Compatible meter adapters and multimode testing mandrels
OTS-612SD	Single-mode OLTS Test Kit for bi-directional testing with (2) OT-612SD testers (1310/1550 nm laser), two SC source port adapters, two LC meter adapters, two SC meter adapters and two ST Compatible meter adapters
OTS-613QD	Single-mode/Multimode OLTS Test Kit for bi-directional testing with (2) OT-613QD testers (850/1300 nm LED and 1310/1550 nm laser sources), four SC source port adapters, two LC meter adapters, two SC meter adapters, two ST Compatible meter adapters and multimode testing mandrels

LTK-400 Series

Optical Sources

Optical sources shown below include an SC source port adapter (two where noted), ST Compatible source port adapter, AC adapter, wrist strap, manual and AA alkaline batteries.

OS-403D	Multimode Optical Source with 850/1300 nm LED
OS-404XD	Single-mode Optical Source with 1310/1550 nm laser
OS-4MDSD	Quad Optical Source with 850/1300 nm LED and 1310/1550 nm laser and two SC source port adapters

Optical Meter

OM-410	Optical Power Meter without data storage, SC meter port adapter, ST Compatible meter port adapter, AC adapter, wrist strap, manual and AA alkaline batteries

Test Kits

Test kits shown below include AA batteries for both source and meter, two AC power supplies, manual, SC source port adapter (two where noted), ST Compatible source port adapter, SC meter port adapter, ST Compatible meter port adapter, two wrist straps, plastic case of cleaning supplies and padded carrying case.

LTK-400MD	Multimode Loss Test Kit with OS-403D source (850/1300 nm LED), OM-410 meter (no data storage) and SC and ST Compatible jumpers and adapters for multimode
LTK-400SD	Single-mode Loss Test Kit with OS-404XD source (1310/1550 nm laser), OM-410 meter (no data storage) and SC and ST Compatible jumpers and adapters for single-mode
LTK-4MDSD	Quad Multimode and Single-mode Loss Test Kit with OS-4MDSD (850/1300 nm LED) and (1310/1550 nm laser) source, OM-410 meter (no data storage), SC and ST Compatible jumpers and adapters for both multimode and single-mode and two SC source port adapters

Accessories

VIPROBE-DUAL	Video Inspection Probe for use with OTS-600; 200x/400x magnification with coaxial lighting; includes bulkhead tips for SC, FC and universal 2.5 mm
UI- _ _	Universal Interface Source / OTDR Connector Adapter (complete the part number by entering adapter style: SC, ST or FC)
OA- _ _	Power Meter Connector Adapter (complete the part number by entering adapter style: SC, ST, FC or LC)
OA-MTRJ	Power Meter Connector Adapter, MT-RJ
CASE-HH-600	Hard-Shell Transit Case for two OTS-600 Series instruments and accessories
CASE-HH-400	Hard-Shell Transit Case for two LTK-400 Series instruments and accessories
CASE-STD-400	Padded Carrying Case for two LTK-400 Series instruments and accessories
PS-600	AC Power Adapter for OT-600 and OM-600 Series (OM-610, OT-613QD, etc.)
PS-9-1	AC Power Adapter for OS-400 Series (OS-403RD, OS-404RXD and OS-4RMDSD)
600-OTS-BATT	OT-600 and OM-600 Series Battery (OM-610, OT-613QD, etc.)
400-OTS-BATT	OS-400 Series Li-Ion Battery (OS-403RD, OS-404RXD and OS-4RMDSD)
OTS-COMBOMAN	Set of Mandrels for loss testing of 50 µm and 62.5 µm multimode fiber

Additional accessories are available. View the detailed specifications and information documents referenced on page 75.

OV-1000 Optical Time Domain Reflectometer (OTDR)

- *All OTDR modules can be used as continuous wave (CW) light sources*
- *80 MB internal flash memory that typically stores up to 1500 traces*
- *USB A/B ports and a compact flash slot for portable file transfer*
- *Multimode and single-mode modules*

Specifications

Dimensions (H x W x D): cm (in)	32.2 x 19.7 x 10.9 (12.6875 x 7.75 x 4.3125)
Weight: kg (lb)	2.5 (5.4)
Temperatures	Operation: -5º to +50ºC (+23º to +122ºF) Storage: -40º to +70ºC (-40º to +158ºF)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-748-EN**

Ordering Information

Part Number	Description

Note: MMF = multimode fiber; SMF = single-mode fiber.

Basic Kits

Basic Kits include OV-1000 mainframe, power supply, battery, appropriate OTDR port adapters, CD with OTSView PC emulation software and manual, cleaning supplies and hard-shell transit case.

1000BK-SD34	Short-Range Dual SMF OTDR (module 400-SD34) with SC and FC OTDR port adapters
1000BK-SD37	Mid-Range Dual SMF OTDR (module 400-SD37) with SC and FC OTDR port adapters
1000BK-MD26	Dual MMF OTDR (module 400-MD26) with SC and ST® Compatible OTDR port adapters
1000BK-MDSD	Dual MMF/SMF OTDR (module 400-MDSD) with SC and ST Compatible OTDR port adapters

Deluxe Kits

Deluxe Kits include OV-1000 mainframe with power meter and VFL, power supply, battery, appropriate OTDR and meter port adapters, CD with OTSView PC emulation software and manual, OTS PC batch processing software, cleaning supplies and hard-shell transit case.

1000DK-SD34	Short-Range Dual SMF OTDR (module 400-SD34) with SC and FC adapters
1000DK-SD37	Mid-Range Dual SMF OTDR (module 400-SD37) with SC and FC adapters
1000DK-MD26	Dual MMF OTDR (module 400-MD26) with SC and ST Compatible adapters
1000DK-MDSD	Dual MMF and Dual SMF OTDR (module 400-MDSD) with SC and ST Compatible adapters

Accessories

UI- _ _	Universal Interface Source / OTDR Connector Adapter (complete the part number by entering adapter style: SC, ST or FC)
OA- _ _	Power Meter Connector Adapter (complete the part number by entering adapter style: SC, ST, FC or LC)
CASE-OV-1000	Hard-Shell Transit Case with wheels
PS-OV-1000	Power Supply for 100-240 V AC with US line cord
1000-OV-BATT	Replacement Battery for OV-1000
1000-MEMORY-2G	OV-1000 Memory Stick for 2 G of USB Storage (Windows® CE compatible)
1000-STYLUS	Replacement Stylus for OV-1000
1000-GIG-MOD	Gigabit Ethernet Testing Module for OV-1000 platform, includes two 10/100/1000BASE-T and one Gigabit Ethernet SFP optical port
1000-SFP-850	1000BASE-SX (850 nm) Optical SFP Transceiver Module (VCSEL source)
1000-SFP-1310	1000BASE-LX (1310 nm) Optical SFP Transceiver Module (FP Laser source)
1000-SFP-1550	1000BASE-ZX (1550 nm) Optical SFP Transceiver Module (DFB Laser source)
1000-DIVERTER	Diverter for Gigabit Ethernet testing, includes Ethernet Network Interface Unit with loop back testing feature with RJ45 interface; also includes a media converter with SFP interface; power supplies and manual; SFP purchased separately

For video inspection probes, see page 79. For OTDR access jumpers, see page 80. Additional accessories are also available. View the detailed specifications and information document referenced above.

OV-Mini Optical Time Domain Reflectometer (OTDR)

- *One-touch testing offers top user-friendliness*
- *Large internal memory stores up to 500 results*
- *USB port (memory-stick compatible) for easy data transfer*
- *Transreflective color display enables view of clear results under bright sunlight*

Specifications

Dimensions (H x W x D): mm (in)	250 x 125 x 75 (9 7/8 x 4 15/16 x 3)
Weight: kg (lb)	1 (2.2)
Temperatures	Operation: -18°C to +50°C (+14°F to +122°F) Storage: -40°C to +70°C (-40°F to +158°F)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-1161-EN**

Ordering Information

Part Number	Description

All part numbers shown include a power supply, Li-Ion batteries, CD with OTSView PC emulation software and user's manual, USB data transfer cable, SC and ST® Compatible OTDR port, cleaning supplies and soft carrying case.

MiniBK	MiniBK Multimode/Single-mode OTDR
MiniDK	MiniDK Multimode/Single-mode OTDR with power meter, VFL and video inspection probe software
MiniXK	MiniXK Multimode/Single-mode OTDR with power meter, VFL, video inspection probe and video inspection probe software
MiniXK-TK	MiniXK Multimode/Single-mode OTDR with power meter, VFL, video inspection probe, separate handheld multimode/single-mode source and video inspection probe software
HANDHELD-COMBO	MiniXK Multimode/Single-mode OTDR with power meter, VFL, video inspection probe, separate handheld multimode/single-mode source, video inspection probe software, OS1 fixed V-groove fusion splicer and splicer tool kit
CONTRACTOR-COMBO	MiniXK Multimode/Single-mode OTDR with power meter, VFL, video inspection probe, separate handheld multimode/single-mode source, video inspection probe software, OS1 fixed V-groove fusion splicer, splicer tool kit and and UniCam® Pretium® Kit

Accessories

UI- _ _	Universal Interface Source / OTDR Connector Adapter (complete the part number by entering adapter style: SC, ST or FC)
OA- _ _	Power Meter Connector Adapter (complete the part number by entering adapter style: SC, ST, FC or LC)
OA-MTRJ	Power Meter Connector Adapter, MT-RJ
OTSREPORTER	PC Batch Processing Software
VIPROBE-DUAL	Video Inspection Probe for use with OTS-600; 200x/400x magnification with coaxial lighting; includes bulkhead tips for SC, FC and universal 2.5 mm

Additional accessories are available. View the detailed specifications and information document referenced above.

Video Inspection Probe (VIPROBE-DUAL)

- *LCD and video probe kit (VIP-LCD-KIT) provide a low-cost, stand-alone video inspection solution*
- *Video Probe Accessory Package (VIPROBE-DUAL) compatible with OV-1000, OV-MINI and OTS-600 test equipment*
- *200x and 400x magnification*
- *Image capture capability for report documentation*

Specifications

	VIPROBE-DUAL	VIP-LCD-KIT
Weight: kg (lb)	0.2 (0.44)	1.81 (4)
Image Storage	Computer or Corning TEQ	None
Battery Power Supply	Computer or Corning TEQ	8 AA Alkaline batteries (about 6 hours)
AC Power Supply	Computer or Corning TEQ	AC power supply for 100-240 V input

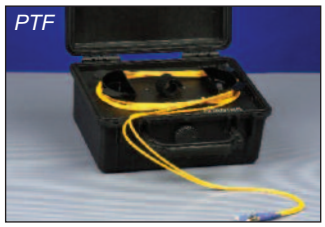
*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-1186-EN**

Ordering Information

Part Number	Description
Video Probe LCD Stand-alone Kit	
VIP-LCD-KIT	3.5-in LCD Screen with Integrated (hardwired) Video Inspection Probe; includes VIPT-U12M, VIPT-U25M and probe bulkhead tips for SC, ST® Compatible, FC, LC; AC power supply and carrying case
Video Probe LCD Kit Tips	
VIPT-U12M	Universal Probe Tip for viewing patch cords with 1.25 mm ferrule (LC and MU)
VIPT-U25M	Universal Probe Tip for viewing patch cords with 2.5 mm ferrule (SC, ST Compatible, FC)
VIPT-U12MA-SF	Universal Probe Tip for viewing APC patch cords with 1.25 mm ferrule (LC APC)
VIPT-U25MA	Universal Probe Tip for viewing APC patch cords with 2.5 mm ferrule (SC APC, FC APC)
VIPT- _ _ -APC	Probe Bulkhead Tip for viewing an APC connector on the backside of a patch panel (complete the part number by entering adapter style: SC, FC or LC)
Video Probe Accessory Packages for Corning Cable Systems Test Equipment	
VIPROBE-DUAL	Video Inspection Probe, FC and SC bulkhead tips, U25M universal patch cord tip for 2.5 mm ferrules, compartmented plastic case for tips
VIPROBE-USB2	USB2 converter with software that allows the VIPROBE-DUAL to be used with a computer
Video Probe LCD Kit Tips	
VIPROBE-FSA	FC and SC APC Tip for bulkhead adapter
VIPROBE-LC	LC Tip for bulkhead adapters
VIPROBE-LCA	LC/APC Tip for bulkhead adapter
VIPROBE-ST	ST Compatible Tip for bulkhead adapter
VIPROBE-U12	Universal Patch Cord Tip for 1.25 mm ferrules
Accessories	
CLEANER-PORT-2.5	Single-Fiber Port Cleaner for all 2.5 mm ferruled connectors such as FC, ST Compatible and SC for PC, UPC and APC polishes
CLEANER-PORT-LC	Single-Fiber Port Cleaner for LC, keyed LC and MU for both UPC and APC polishes

Additional probe tips are available. Additional accessories may be available. View the detailed specifications and information document referenced above.

Optical Time Domain Reflectometer (OTDR) Launch Fiber, Access Jumper



- *Created with high quality Corning® fiber and cable assemblies*
- *Available in multimode and single-mode fiber types*
- *6 ft jumper leads ease access of hard-to-reach panels*
- *Jumper lead storage prevents connector end-face damage*

Specifications

	Portable Test Bag (PTB)	Portable Test Fiber Case (PTF)
Dimensions (H x W x D): cm (in)	26.92 x 14.60 x 2.54 (10.6 x 5.75 x 1.0)	23.49 x 19.68 x 11.43 (9.25 x 7.75 x 4.5)
Weight: kg (lb)	1.36 (3)	2.72 (6)
Temperatures	Operation: -20º to +60ºC (0º to +140ºF)	Operation: -20º to +60ºC (0º to +140ºF)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-599-EN**

Ordering Information

Complete the part number by entering two connector codes from Table A below. Other configurations and lengths are available. Please consult the detailed specifications and information document referenced above or contact Corning Cable Systems Customer Service at 800-743-2675. *Note: MMF = multimode fiber.*

Part Number	Description
Portable Test Bag (PTB)	
PTB-100M-6P _ _ _ _	62.5 µm MMF, 100 m
PTB-100M-CP _ _ _ _	50 µm MMF, 100 m
PTB-200M-SP _ _ _ _	Low-water-peak single-mode, 200 m
Portable Test Fiber Case (PTF)	
PTF-100M-6P _ _ _ _	62.5 µm MMF, 100 m
PTF-100M-CP _ _ _ _	50 µm MMF, 100 m
PTF-300M-SP _ _ _ _	Low-water-peak single-mode, 200 m

Table A: Connector Codes

Type	Code
Multimode	
LC	03
FC	17
SC	39
ST® Compatible	50
Single-mode	
LC	02
LC APC	10
FC	54
SC	58
ST Compatible	61
SC APC	65

- *Rack-mountable hardware accommodates longer system lengths*
- *Available in multimode and single-mode fiber types*
- *Compact rack-mount provides excellent protection for the stored optical fiber*

Specifications

Dimensions (H x W x D): cm (in)	26.5 x 43 x 50 (10.5 x 17 x 19.75)
Shipping Weight: kg (lb)	< 23 (< 50)
Temperatures	Operation: -20º to +60ºC (0º to +140ºF)
Insertion Loss	1.0 dB maximum
Connector Reflectance	Multimode LC, SC and ST® Compatible: ≤ -20 dB Single-mode LC UPC, SC and ST Compatible UPC: ≤ -55 dB Single-mode LC APC and SC: ≤ -70 dB

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-517-EN**

Ordering Information

Each NSS is built to customer specifications. Please consult the detailed specifications and information document referenced above or contact Corning Cable Systems Customer Service at 800-743-2675.

Part Number	Description
Accessories	
TKT-CLEAN-SFC-M	Deluxe Kits contain recommended products to effectively clean and inspect 2.5 mm and 1.25 mm single-fiber connector
TKT-CLEAN-SFC	Kits contain recommended products to effectively clean 2.5 mm and 1.25 mm single-fiber connectors
TKT-CLEAN-MFC-M	Deluxe Kits contain recommended products to effectively clean and inspect multi-fiber connectors such as MT-RJ and MTP® Connectors
TKT-CLEAN-MFC	Kits contain recommended products to effectively clean multi-fiber connectors such as MT-RJ and MTP Connectors

Handheld Field Inspection Microscope

200FM

400FM

- *Small size and rugged construction are ideal for field use*
- *Built-in laser safety filter prevents accidental viewing of active fiber*
- *Coaxial and oblique illumination aid inspection for scratches and debris*

Specifications

	200FM	400FM
Dimensions (H x W x D): cm (in)	19.0 x 5.1 x 3.2 (7.5 x 2.0 x 1.25)	22.9 x 6.4 x 3.8 (9.0 x 2.5 x 1.5)
Weight: kg (lb)	0.21 (0.46)	0.5 (1.1)
Temperatures	Storage: -40º to +60ºC (-40º to +140ºF) Operation: -18º to +50ºC (0º to +122ºF)	Storage: -40º to +60ºC (-40º to +140ºF) Operation: -18º to +50ºC (0º to +122ºF)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-486-EN**

Ordering Information

Part Number	Description
200FM	200x Microscope with coaxial and oblique illumination, batteries, FMFA-U25 adapter, case and manual
400FM	400x Microscope with coaxial illumination, batteries, FMFA-U25 adapter, case and manual

Accessories

FMFA-U12	Universal Adapter for any 1.25 mm ferrule (LC, MU, etc.)
FMFA-U25	Universal Adapter for any 2.5 mm ferrule (SC, ST® Compatible, FC, etc.)
FMFA-UAPC	Universal APC Adapter for any 2.5 mm APC ferrule
FMFA- _ _	Connector Specific Adapter (complete the part number by entering adapter style: SC, ST, FC or LC)
FMFA-MTP	Connector Specific Adapter, MTP® Connector adapter with panning knob
FMFA-MTRJ	Connector Specific Adapter, MT-RJ adapter
FMFA-BF1	Bare Fiber Adapter, for viewing a bare fiber cleave
FMFA-RFC1	Bare Ribbon Adapter, for viewing a bare ribbon cleave

VFL-350 Visual Fault Locator

- *Checks multimode and single-mode applications*
- *Rugged, compact design allows usage virtually anywhere*
- *Glowing red light detects fiber break or improper termination easily*

Specifications

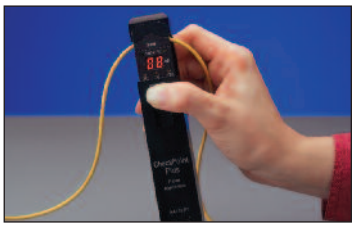
Dimensions: mm (in)	Length: 168 (6.6), Diameter: 12 (0.47)
Weight including batteries: g (lb)	60 (0.13)
Temperatures	Operation: -10º to +45ºC (+14º to +113ºF) Storage: -40º to +70ºC (-40º to +158ºF)
Wavelength	635 nm
LASER Class	2

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-470-EN**

Ordering Information

Part Number	Description
VFL-350	Visual Fault Locator, includes dust cap, universal 2.5 mm adapter, two AAA batteries and carrying case
VFL-ADAPT-125	Universal 1.25 mm Adapter for LC/MU connectors

CheckPoint™ Plus Fiber Identifier



- *Passive detection of traffic without signal interruption*
- *Supports multiple fiber sizes*
- *850 to 700 nm range for single-mode and multimode applications*

Specifications

Dimensions (H x W x D): mm (in)	190 x 32 x 25 (7.50 x 1.25 x 1.00)
Weight including battery: g (oz)	230 (8)
Temperatures	Operation: -20º to +50ºC (-4º to +122ºF) Storage: -40º to +60ºC (-40º to +140ºF)
Signal Indicators	Traffic presence: 2 kHz test signal, detects 2 kHz, 1 kHz and 20 Hz, transmission direction, self-test and low battery indication
Detector Sensitivity	-40 dBm at 1310 nm
Induced Loss	0.6 dB at 1310 nm (typical)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-320-EN**

Ordering Information

Part Number	Description
CHECKPOINT-PLUS	CheckPoint™ Plus Fiber Identifier with integral meter, leather carrying pouch, operating instructions and three interchangeble adapters (FI-30418, FI-30419, FI-30420)
FI-30418	CheckPoint Plus Fiber Identifier Adapter for measuring 250 µm bare fiber or a multiple fiber ribbon
FI-30419	CheckPoint Plus Fiber Identifier Adapter for measuring 900 µm tight buffered fiber
FI-30420	CheckPoint Plus Fiber Identifier Adapter for measuring 3.0 mm jacketed fiber
FI-34788	CheckPoint Plus Fiber Identifier Adapter for measuring 2.0 mm jacketed fiber
FI-35165	CheckPoint Plus Fiber Identifier Adapter for measuring 1.65 mm jacketed fiber

OptiSplice® M90e Fusion Splicer

- *Touch screen with graphical user interface for easy menu navigation*
- *Built-in interactive training videos simplifies training and reduces maintenance costs*
- *Equipped with both LID-SYSTEM™ and CDS System 3-axis core-alignment technologies for accuracy, speed and versatility*
- *Total splice cycle of 33 seconds – fastest time in the industry*

Specifications

Dimensions (L x W x H): mm (in)	240 x 200 x 110 (9.4 x 7.8 x 4.3)
Weight: kg (lb)	With battery: 2.7 (5.9); without battery: 2.2 (4.8)
Principle Operation	Direct Core Alignment LID-SYSTEM Unit, 3-axis alignment, 1300 nm LED
Secondary Operation	3-axis core alignment by core detection system technology (CDS)
Fiber	Standard single-mode, specialty single-mode (Corning® ClearCurve®, DS, LS, Er); multimode (50 µm and 62.5 µm)
Typical Splice Loss	Standard single-mode < 0.02 dB (similar fibers), < 0.05 dB (dissimilar fibers); multimode < 0.01 dB
Temperatures	Operation: -15° to +50°C (-15° to +122°F) Storage: -40° to +80°C (-40° to +176°C)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-1033-EN**

Ordering Information

All OptiSplice® M90e Fusion Splicers include carrying case with wheels, splice tray holder, AC power supply with U.S. cord, Li-Ion battery with external charger, 1-year limited warranty, operator's manual on CD, USB worklight and maintenance tool kit.

Part Number	Description
M90e-0SM-T-H	OptiSplice M90e Fusion Splicer with FBC-006 cleaver and fast heat-shrink oven
M90e-XSM-T-H	OptiSplice M90e Fusion Splicer with fast heat-shrink oven
M90e-0SM-T-C	OptiSplice M90e Fusion Splicer with FBC-006 cleaver and Crimp & Go® Splice Protection Crimping Device
M90e-0SM-T-P	OptiSplice M90e Fusion Splicer with FBC-006 cleaver and Splice Pak™ Splice Crimp Device with fiber guides
M90e-XSM-T-P	OptiSplice M90e Fusion Splicer with Splice Pak Splice Crimp Device with fiber guides

Accessories

FBC-006	High-Performance Single-Fiber Cleaver, one-step operation, diamond blade (typically < 0.35°)
FSA-022	Spare Precise and Durable (P&D) Electrodes
2820013-01	M90e/OptiSplice LID/M90i/X77i USB worklight

Fiber cleaning and preparation accessories are available on page 93, splice protection products on page 95, and cable access and splicing tool kits on pages 96-101. Additional accessories are also available. View the detailed specifications and information document referenced above.

OptiSplice® CDS Fusion Splicer

- *Touch screen with graphical user interface for easy menu navigation*
- *Built-in interactive training videos simplifies training and reduces maintenance costs*
- *3-axis core alignment by the CDS system provides speed and versatility*
- *Total splice cycle of 33 seconds – fastest time in the industry*

Specifications

Dimensions (L x W x H): mm (in)	240 x 200 x 110 (9.4 x 7.8 x 4.3)
Weight: kg (lb)	With battery: 2.7 (5.9); without battery: 2.2 (4.8)
Principle Operation	3-axis core alignment by core detection system technology (CDS)
Fiber	Standard single-mode, specialty single-mode (Corning® ClearCurve®, DS, LS, Er); multimode (50 µm and 62.5 µm)
Typical Splice Loss	Standard single-mode < 0.02 dB (similar fibers), < 0.05 dB (dissimilar fibers); multimode < 0.01 dB
Temperatures	Operation: -15° to +50°C (-15° to +122°F) Storage: -40° to +80°C (-40° to +176°C)

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-1090-EN**

Ordering Information

All OptiSplice® CDS Fusion Splicers include carrying case with wheels, splice tray holder, AC power supply with U.S. cord, Li-Ion battery with external charger, 1-year limited warranty, operator's manual on CD, USB worklight and maintenance tool kit.

Part Number	Description
OSCDS-0SM-T-H	OptiSplice CDS Fusion Splicer with FBC-006 cleaver and fast heat-shrink oven
OSCDS-XSM-T-H	OptiSplice CDS Fusion Splicer with fast heat-shrink oven
OSCDS-0SM-T-C	OptiSplice CDS Fusion Splicer with FBC-006 cleaver and Crimp & Go® Splice Protection Crimping Device
OSCDS-0SM-T-P	OptiSplice CDS Fusion Splicer with FBC-006 cleaver and Splice Pak™ Splice Crimp Device with fiber guides
OSCDS-XSM-T-P	OptiSplice CDS Fusion Splicer with Splice Pak Splice Crimp Device with fiber guides

Accessories

FBC-006	High-Performance Single-Fiber Cleaver, one-step operation, diamond blade (typically < 0.35°)
FSA-022	Spare Precise and Durable (P&D) Electrodes
2820013-01	M90e/OptiSplice CDS/OptiSplice LID/M90i/X77i USB worklight

Fiber cleaning and preparation accessories are available on page 93, splice protection products on page 95, and cable access and splicing tool kits on pages 96-101. Additional accessories are also available. View the detailed specifications and information document referenced above.

OptiSplice® One Handheld Fusion Splicer

- *11 sec splice + 20 sec heat-shrink oven (60 mm shrink) = 31 sec typical*
- *Graphical user interface for easy menu navigation*
- *High-capacity Li-Ion battery 130 12-fiber splices with heat-shrink oven typical*

Specifications

Dimensions (L x W x H): mm (in)	185 x 140 x 155 (7.3 x 5.5 x 6.1)
Weight: kg	With battery: 2.2; without battery: 1.7
Principle Operation	Fixed V-groove, automatic Z-axis alignment
Fiber	Single-mode, multimode and specialty fibers including Corning® ClearCurve®
Typical Splice Loss	Single-mode: ≤ 0.04 dB (similar fibers), < 0.10 dB (dissimilar fibers); multimode ≤ 0.01 dB
Temperatures	Operation: -15˚ to +50˚C, up to 95% relative humidity non-condensing Storage: -40˚ to +80˚C, up to 95% relative humidity non-condensing

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-780-EN**

Ordering Information

All OptiSplice® One Handheld Fusion Splicers include one set of 250 µm handlers, carrying case, Li-Ion battery, external battery charger, AC power supply with U.S. cord, operator's manual (English), detachable splice tray holder/screen cover and 1-year limited warranty.

Part Number	Description
OS1-0SM-T-H	OptiSplice One Handheld Fusion Splicer with cleaver and fast heat-shrink oven
OS1-XSM-T-H	OptiSplice One Handheld Fusion Splicer with fast heat-shrink oven
OS1-0SM-T-P	OptiSplice One Handheld Fusion Splicer with cleaver and Splice Pak™ Protection Crimping Device
OS1-0SM-T-C	OptiSplice One Handheld Fusion Splicer with cleaver and Crimp & Go® Splice Protection Crimping Device
OS1-0SM-T-H-BK	OptiSplice One Handheld Fusion Splicer with black housing with gray bumpers, cleaver and fast heat-shrink oven

Accessories

FBC-006	High-Performance Single-Fiber Cleaver, one-step operation, diamond blade (typically < 0.35°)
OS-Electrode-1	Spare Electrodes for OptiSplice One Handheld Fusion Splicer
OS-ADAPT900-1	Fiber Handler Set for coated 900 µm single-fiber
OS-LIIONBATT-1	Spare Li-Ion Battery for OptiSplice One Handheld Fusion Splicer
OS-003	Shoulder Harness and Universal Tripod Mount for OptiSplice One Handheld Fusion Splicer and OptiSplice Ribbon Handheld Fusion Splicer, allows the splicer to be used while suspended in front of the operator or on a standard tripod mounting system

Fiber cleaning and preparation accessories are available on page 93, splice protection products on page 95, and cable access and splicing tool kits on pages 96-101. Additional accessories are also available. View the detailed specifications and information document referenced above.

OptiSplice® Ribbon Handheld Fusion Splicer

- *20 sec splice (12 fiber) + 40 sec heat-shrink oven = 60 sec typical*
- *Graphical user interface for easy menu navigation*
- *High-capacity Li-Ion battery 200 splices with heat-shrink oven typical*

Specifications

Dimensions (L x W x H): mm (in)	185 x 140 x 155 (7.3 x 5.5 x 6.1)
Weight: kg	With battery: 2.2; without battery: 1.7
Principle Operation	Fixed V-groove, automatic Z-axis alignment
Fiber	Single-mode and multimode
Typical Splice Loss	Lab: ≤ 0.04 dB identical single-mode ribbon, Field: ≤ 0.10 dB single-mode ribbon; multimode < 0.01 dB
Temperatures	Operation: -15˚ to +50˚C, at up to 95% relative humidity Storage: -40˚ to +80˚C, at up to 95% relative humidity

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-863-EN**

Ordering Information

All OptiSplice® Ribbon Handheld Fusion Splicers include one set of 12-fiber handlers, fast heat-shrink oven, carrying case, Li-Ion battery, external battery charger, AC power supply with U.S. cord, operator's manual (English), detachable splice tray holder/screen cover and 1-year limited warranty.

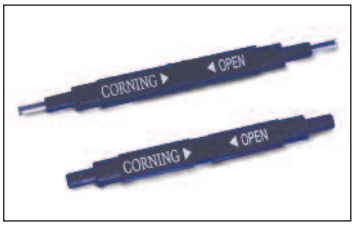
Part Number	Description
OSR-0SM-T-H	OptiSplice Ribbon Handheld Fusion Splicer with cleaver and thermal stripper
OSR-XSM-T-H	OptiSplice Ribbon Handheld Fusion Splicer

Accessories

FBC-012	High-Performance Cleaver for use with single fibers on 2- to 12-fiber ribbons, one-step operation, diamond blade (typically < 1°)
Mass-Stripper	AC/DC Powered Thermal Stripper
OS-RIBELEC-1	Spare Electrodes for OptiSplice Ribbon Handheld Fusion Splicer
OS-ADAPT250-1	Fiber Handler Set for coated 250 µm single-fiber
OS-ADAPT900-1	Fiber Handler Set for coated 900 µm single-fiber
OS-ADAPT2-1	Fiber Handler Set for 2-fiber ribbon
OS-ADAPT4-1	Fiber Handler Set for 4-fiber ribbon
OS-ADAPT6-1	Fiber Handler Set for 6-fiber ribbon
OS-ADAPT8-1	Fiber Handler Set for 8-fiber ribbon
OS-ADAPT12M-1	Spare Fiber Handler Set for 12-fiber ribbon (3.15 mm)
OS-ADAPT12W-1	Fiber Handler Set for wide 12-fiber ribbon (3.18 mm)
OS-LIIONBATT-1	Spare Li-Ion Battery for OptiSplice Ribbon Handheld Fusion Splicer
OS-003	Shoulder Harness and Universal Tripod Mount for OptiSplice Ribbon Handheld Fusion Splicer and OptiSplice One Handheld Fusion Splicer, allows the splicer to be used while suspended in front of the operator or on a standard tripod mounting system

Fiber cleaning and preparation accessories are available on page 93, splice protection products on page 95, and cable access and splicing tool kits on pages 96-101. Additional accessories are also available. View the detailed specifications and information document referenced above.

CamSplice™ No-Adhesive Mechanical Splice



- *Patented fiber alignment mechanism self-centers the fiber for accurate alignment*
- *No adhesive or epoxy reduces splice time with no curing needed*
- *Universal design offers one-part-fits-all fiber coatings*
- *No polishing reduces installation time*

Specifications

Cam Dimensions (L x W): mm (in)	44 x 4.2 (1.73 x 0.17)
Reflectance	≤ -45 dB for flat cleave; ≤ -60 dB for angled cleave
Temperature Range	-40 to +75ºC, < 0.1 dB average variation
Splice Loss	Mean: 0.15 dB; Blind: ≤ 0.3 dB

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-336-EN**

Ordering Information

Note: The antitorsion CamSplice™ Mechanical Splice is not remateable.

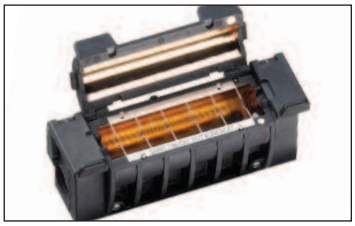
Part Number	Description
95-000-04	CamSplice Mechanical Splices (package of 6)
95-000-04-ATC	Antitorsion CamSplice Mechanical Splice for 900 µm applications

Accessories

TKT-100-01	CamSplice Mechanical Splice Tool Kit
TKT-100-02	CamSplice Mechanical Splice Tool Kit with FBC-001 fiber cleaver
2104040-01	CamSplice Mechanical Splice Assembly Fixture
2104341-01	Crimp Tool for Antitorsion CamSplice Mechanical Splice
FBC-001	Score and Snap Fiber Cleaver
FBC-006	Precision Diamond Cleaver

To order splice trays, see page 56.

Fast Heat-Shrink Oven



- *Fast, energy efficient design provides fastest heat-shrink process times on the market*
- *LED status display offers convenience and timing*
- *Automated software control simplifies the buttonless process*
- *Manual control stand-alone units are available*

Specifications

Dimensions (W x H x D): mm (in)	96 x 45 x 30 (3.78 x 1.77 x 1.18)
Weight without accessories	90 g
Temperatures	Operation: -15° to +45°C (-15° to +113°F) Storage: -40° to +80°C (-40° to +176°F)

Heat-Shrink Length (mm)	Fiber Count	Fiber Coating Diameter (µm)	Heating Time (sec)
60	1	250	20
60	1	900	20
40	1	250	15 (requires use of the included heat shield)
40	1	900	35 (requires use of the included heat shield)
15 (no rod)	1	250	10
15	1	250	15
40	12	Ribbon	40 (requires use of the included heat shield)

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-716-EN**

Ordering Information

Part Number	Description
FAST-OVEN-SOLO	Fast Heat-Shrink Oven Desktop Stand-Alone Kit with fast heat-shrink oven with stand and AC desktop power supply unit; necessary to work with older fusion splicers that do not supply direct power: X77 (< 14k), M90, X75 and miniMass® Micro Fusion Splicer

Accessories

2801017-01	Stand for Fast Heat-Shrink Oven, stand-alone operation

Additional accessories may be available. View the detailed specifications and information document referenced above.

Fiber Optic Connector Tool Kits

- *Collection of essential tools for installation, termination and maintenance of fiber optic cable*
- *Each tool kit comes with a rugged, high-quality case*

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* UniCam® Connector Tool Kits: **LAN-462-EN**; Field-Installable Connector Tool Kits: **LAN-306-EN**

Tool Kit/Connector Compatibility Matrix

Connector Type	TKT-UNICAM-PFC	TKT-UNICAM	TKT-UNICAM-MTP
UniCam Multimode Connectors (LC, SC and ST® Compatible)	■	■	
UniCam Single-Mode Connectors (LC, SC and ST Compatible)	■	■	
UniCam Composite Ferrule Multimode Connectors (SC and ST Compatible)	■	■	
UniCam APC Single-Mode Connectors (SC)	■	■	
UniCam MTP® Multimode and Single-Mode Connectors			■

Ordering Information

Part Number	Description

UniCam Connector Tool Kits

All UniCam Connector Tool Kits include the appropriate critical steps card, complete instructions, strip length gauge and an installation video DVD.

TKT-UNICAM-PFC

UniCam Pretium® Tool Kit for the termination of multimode and single-mode SC, LC and ST Compatible Connectors. Neatly packaged in a tool bag with waste receptacle and organized foam insert interior, this kit includes the UniCam Pretium Installation Tool with integrated continuity test set (CTS), Pretium Flat Cleaver with diamond blade and built-in scrap bin, and all required fiber preparation, cleaning tools and materials.

TKT-UNICAM

Basic Installation Kit for single-fiber and 2-fiber UniCam Connectors, terminates single-fiber SC, LC and ST Compatible Connectors. Packaged in a convenient carrying bag, this kit includes the UniCam standard installation tool, FBC-001 Score and Snap Cleaver, and all required fiber preparation, cleaning tools and materials.

Additional accessories may be available. View the detailed specifications and information documents referenced above.

(continued)

Fiber Optic Connector Tool Kits

Ordering Information (continued)

Part Number	Description
TKT-UNICAM-MTP	UniCam® MTP® Connector Installation Tool Kit for the termination of multimode and single-mode UniCam MTP Connectors. Conveniently packaged in a durable hard-side carrying case, this kit includes the MTP Connector Installation Tool, high-performance FBC-012 Multi-Fiber Cleaver, and all required fiber preparation, cleaning tools and materials.

Anaerobic-Cure Connector Tool Kits

TKT-ANAEROBIC2

Installation Tool Kit for Corning Cable Systems anaerobic-cure connectors contains tools plus consumables for up to 500 connectors. Additional contents include:

Clear Lapping Film
Dual-Hole Miller Tool Fiber Stripper
Electrician Scissors
Gray Lapping Film
LC Connector Crimp Tool
LC Hand Puck
Loctite® #648 Anaerobic Adhesive
Microscope, 200x coaxial inspection
Neon Yellow Lapping Film
Plate, polishing assembly
Primer-Anaerobic 52 ml/pmp
Rubber Pad
Ruby Scribe
SC, ST® Compatible and FC Single-Step Crimp Tool
Universal Polishing Puck
White Lapping Film
Wire Fiber Stripper: 6 in

TKT-ANAEROBIC2-C

Consumables Kit for anaerobic-cure connectors with consumables for up to 500 connectors. Additional contents include:

Alcohol Wipes
Anaerobic Procedure ISS 2
Anaerobic Tool Bag
Clear Lapping Film
Gauge, GIC RPP ST Compatible/SC strip length
Gauge, LC and MU strip length
Gray Lapping Film
Loctite® #648 Anaerobic Adhesive
Neon Yellow Lapping Film
Primer-Anaerobic 52 ml/pmp
White Lapping Film

Additional accessories may be available. View the detailed specifications and information documents referenced on page 91.

Connector Cleaning Kits, Tools and Consumables

Fiber-Clean Towelettes

Connector Cleaning Kits

Single-Fiber Port Cleaners

Universal Connector Cleaning Cassette

Corning Cable Systems offers a variety of cleaning kits, tools and consumables to improve the efficiency of fiber optic terminations.

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* Fiber-Clean® Towelettes: **LAN-308-EN**; Single-Fiber and Multi-Fiber Cleaning Kits: **LAN-844-EN**; Single-Fiber Port Cleaners: **LAN-1098-EN**; Universal Connector Cleaning Cassette: **LAN-130-EN**

Ordering Information

Part Number	Description
Connector Cleaning Kits	
All connector cleaning kits include connector cleaning fluid, fiber wipes, recommended cleaning procedures and a padded carrying case.	
TKT-CLEAN-SFC-M	Deluxe Single-Fiber Connector Cleaning Kit, contains single-fiber connector cleaning reel, 200x microscope with 2.5 mm and 1.25 mm ferrule adapters and 1.25 and 2.5 mm sticks (package of 10)
TKT-CLEAN-SFC	Standard Single-Fiber Connector Cleaning Kit, contains single-fiber connector cleaning reel and 1.25 and 2.5 mm sticks (package of 10)
TKT-CLEAN-MFC-M	Deluxe Multi-Fiber Cleaning Kit, contains multi-fiber universal connector cleaning cassette, 200x microscope with adapters for visual of MTP® and MT-RJ Connectors and OptiTip® Connector Cleaning Tool
TKT-CLEAN-MFC	Standard Multi-Fiber Cleaning Kit, contains multi-fiber universal connector cleaning cassette, 200x microscope with adapters for visual of MTP and MT-RJ connectors and OptiTip Connector Cleaning Tool
Connector Cleaning Tools	
CLEANER-PORT-2.5	Single-Fiber Port Cleaner for 2.5 mm ferruled connectors (FC, ST® Compatible, SC); PC, UPC and APC polishes; minimum of 525 connector cleanings
CLEANER-PORT-LC	Single-Fiber Port Cleaner for LC, keyed LC and MU connectors; UPC and APC polishes; minimum of 525 connector cleanings
CLEANER-PORT-OTAP	Single-Fiber Port Cleaner for OptiTap® Connector end-faces; minimum of 525 connector cleanings
CLEANER-UNIV-CASS	Universal Connector Cleaning Cassette; minimum of 500 connector cleanings
Connector Cleaning Consumables	
FCC-CLEANER-CONN	Fiber Optic Connector Cleaning Fluid
FC-45-1	Fiber-Clean® Towelettes (package of 45) in a “pop-up” canister
FC-45-12	Case of Fiber-Clean Towelettes canisters (package of 12)
CLEAN-STICKS-125	1.25 mm Cleaning Sticks (package of 10)
CLEAN-STICKS-250	2.5 mm Cleaning Sticks (package of 10)

Polishing films may be ordered by viewing LAN-786-EN on the web. Connector installation kits are available on page 91.

Fiber Cleavers

FBC-015

- Single-fiber cleaver
- Blade Life: 10,000 cleaves (field replaceable)

FBC-006

- Single-fiber cleaver
- Blade Life: 5,000 cleaves (field replaceable)

FBC-012

- 1-12 fiber cleaving
- Blade Life: 2,000 12-fiber cleaves; 24,000 1-fiber cleaves (field replaceable)

FBC-001

- Single-fiber cleaver
- Blade Life: 1,000 cleaves

Specifications

	FBC-015	FBC-006	FBC-012	FBC-001
Dimensions (H x W x D)	9 x 6 x 5 cm (3.63 x 2.5 x 2.13 in)	7 x 7 x 4 cm (2.75 x 2.75 x 1.5 in)	95 x 72 x 55 mm (3.7 x 2.8 x 2.2 in)	120 x 20 x 40 mm (4.75 x 0.75 x 1.5 in)
Weight	0.19 kg (0.420 lb)	0.12 kg (0.3 lb)	0.5 kg (1.1 lb)	100 g (3 oz)
Fiber Type	Multimode or single-mode	Multimode or single-mode	Multimode or single-mode	Multimode or single-mode
Blade Type	Diamond	Diamond	Carbide	Ceramic

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-339-EN**

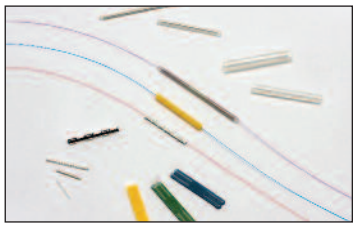
Ordering Information

Part Number	Description
FBC-001	Fiber Cleaver, score and snap
FBC-006	Precision Diamond Cleaver for single-fiber applications
FBC-012	High-Performance Cleaver
FBC-015	UniCam® Pretium® Cleaver with diamond blade

Accessories

HANDLER-012-2F	2-Fiber Handler for FBC-012 Cleaver
HANDLER-012-1F	1-Fiber Handler for FBC-012 Cleaver
OS-ADAPT250-1	Fiber Handler Set for coated 250 µm single-fiber
OS-ADAPT900-1	Fiber Handler Set for coated 900 µm single-fiber
OS-ADAPT2-1	Fiber Handler Set for 2-fiber ribbon
OS-ADAPT4-1	Fiber Handler Set for 4-fiber ribbon
OS-ADAPT6-1	Fiber Handler Set for 6-fiber ribbon
OS-ADAPT8-1	Fiber Handler Set for 8-fiber ribbon
OS-ADAPT12M-1	Spare Fiber Handler Set for 12-fiber ribbon (3.15 mm)
OS-ADAPT12W-1	Fiber Handler Set for wide 12-fiber ribbon (3.18 mm)

Additional accessories are available. View the detailed specifications and information document referenced above.



- *All splice protection choices allow individual fiber access in the splice tray*
- *Heat-shrink protection for both single-fiber and multi-fiber applications*
- *Splice-Pak™ and Crimp & Go® Single-Fiber Splice Protectors require no power for assembly*
- *Custom heat-shrink protection is also available upon request*

Specifications

	Splice-Pak Splice Protector	Crimp & Go Splice Protection Crimping Device
Closed Dimensions (H x W x D)	2.0 x 3.2 x 35.0 mm	1.1 x 3.2 x 30.0 mm
Fiber Diameter	250/250 µm, 250/900 µm, 900/900 µm	Not more than 250 µm
Bare Fiber Length	Not more than 25 mm	Not more than 25 mm
Handling Temperature Range	-5º to +45ºC	-5º to +45ºC

*For detailed specifications and information, visit **www.corning.com/cablesystems** and enter the following literature code into the search engine:* **LAN-340-EN**

Ordering Information

Part Number	Description
2806031-01	Heat-Shrink Fusion Splice Protector Parts, single-fiber (package of 50; 60 mm long)
2806032-01	Heat-Shrink Fusion Splice Protector Parts, single-fiber (package of 50; 40 mm long)
2806031-04	Heat-Shrink Mass Splice Protector Parts, 2- or 4-fiber ribbon (package of 25; 40 mm long)
2806031-012	Heat-Shrink Mass Splice Protector Parts, 6- or 12-fiber ribbon (package of 25; 40 mm long)
FSA-012	Crimp & Go Splice Protection Crimping Device Parts (package of 150)
A0276859	Splice Pak Splice Protector, yellow, 250/250 µm (package of 25)
A0295149	Splice Pak Splice Protector, blue, 250/900 µm (package of 25)
A0295150	Splice Pak Splice Protector, green, 900/900 µm (package of 25)
FSA-019	15 mm Single-Fiber Mini Heat-Shrink Splice Protectors; mini 250 µm only (package of 100)
FSA-026	15 mm Single-Fiber Mini Heat-Shrink Splice Protectors; no rod, 250 µm only (package of 100)

Fiber Optic Splicing Tool Kits

- *Collection of essential tools for installation, termination and maintenance of fiber optic cable*
- *Each tool kit comes with a rugged, high-quality case*

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-307-EN**

Ordering Information

Part Number	Description
TKT-FIBERTECH-PRO	Advanced Tool Kit for the Fiber Optic Installation Professional. This kit, with a pop-up handle and wheels, includes tools for preparing fiber optic cables, splice closures and fiber optic hardware. The kit also includes cable cleaners, a first aid kit, LED head lamp, safety vest, safety glasses and gloves. Additional contents include:

Adjustable Pliers
Adjustable Wrench
Book of Numbers: 0-9
Buffer Tube Stripper
Cable Cutter
Cable Ties: 4.5 in, 14 in (100 each)
CamSplice™ Mechanical Splice, package of 6
Can Wrench: 3/8 in, 7/16 in
Coaxial Cable Stripper
Drive Socket Ratchet: 3/8 in
Dual-Hole Miller Tool Fiber Stripper
Electrical Tape
Electrician Scissors (2)
Emery Cloth
Fiber Scrap Trash Can
Fiber-Clean® Towelettes canister
Heat-Shrink Splice Protection Parts: 1 fiber (package of 50)
Jeweler's Screwdriver Set
Lint-Free Wipes
Long Nose Pliers
Nut Drivers: 9 mm, 5/16 in
Pen, permanent white paint
Phillips Screwdrivers: 1 in, 3 in, 4 in
Plastic Box
Plastic Box with dividers
Pocket Connector Cleaner
Pump Bottle, locking top
Ripcord Puller Assembly
Rotary Cable Stripper
Sharpie Markers, red, black and ultra-fine black
Sheath Ripper
Side Cutters
Slotted Screwdrivers: 4 in, 2 in (3)
Socket: 6-in extension 3/8-in drive
Sockets: 10 mm, 1/2 in, 7/16 in
Spatula
SST-Drop™ Cable Access Tool
Standard Cotton Swabs: 100 pack
Superbonder Glue
Swab
Tape
Tape Measure
Tweezers
Utility Knife Assembly
Utility Knife with 3 blades
Wire Stripper

M67-003 Fusion Splicing Tool Kit. This kit is designed to prepare cables and fiber for fusion splicing. It includes tools and supplies required for cable jacket removal and fusion splicing. The kit includes a rugged hard-shell case. Additional contents include:

Adjustable Wrench
Book of Numbers: 0-9 (2)
Bottles: 60 and 500 ML (2 each)
Buffer Tube Stripper
Cable Cutter
Cable Ties: 4.5 in (100 each)
Clear RTV Silicone
Coaxial Cable Stripper
Dual-Hole Miller Tool Fiber Stripper
Electrical Tape
Electrician Scissors (2)
Emery Cloth
Fiber-Clean Towelettes canister
Flashlight
Jeweler's Screwdriver Set
Lint-Free Wipes
Pen, permanent white paint
Phillips Screwdriver: 3 in
Plastic Box with dividers
Sheath Ripper (3)
Side Cutters
Slotted Screwdrivers: 4 in, 2 in
Spatula (2)
Standard Cotton Swabs: 100 pack
Superbonder Glue
Syringe (2)
Tape Measure
Tweezers
Utility Knife Assembly (2)
Wire Stripper

(continued)

Ordering Information (continued)

Part Number	Description
M67-004	Fusion Splicing Consumables Kit. Includes items to replenish the M67-003 Tool Kit. Good for approximately 600 fibers. Additional contents include: Battery, AA Alkaline, 1.5 v (2) Book of Numbers: 0-9 (2) Bottle: 60 ML (2) Cable Ties: 4.5 in (100 each) Clear RTV Silicone Electrical Tape Emery Cloth Fiber-Clean® Towelettes canister Hook Blades (6) Lint-Free Wipes Sheath Ripper (2) Standard Cotton Swabs: 100 pack Spatula (2) Superbonder Glue Syringe (2)
TKT-SPLICE	Basic Splicing Tool Kit. This kit contains tools necessary to perform end access of buffer tubes to prepare to splice. This is for craft persons who perform only splicing, not cable prep. The kit includes a soft, nylon bag. Additional contents include: Alcohol Wipes Buffer Tube Stripper Cleaning Brush Compressed Air, 5 oz can Dual-Hole Miller Tool Fiber Stripper Electrical Tape Electrician Scissors Emery Cloth Fiber-Clean Towelettes, single wipes (12) Flat Blade Screwdriver Precision Miniature Screwdriver Pump Bottle, locking top Sharpie Marker, black Slotted Screwdriver: 4 in Spatula Standard Cotton Swabs: 100 pack Tricep Tool Tweezers Wire Stripper
TKT-FTTX-FLATDROP	Flat Drop / Harness Splice Preparation Tool Kit. This kit is used to prepare an unterminated end of a harness or flat drop cable for splicing and storage. The kit includes a compact, canvas tool bag. Additional contents include: Buffer Tube Stripper Can Wrench: 3/8 in, 7/16 in Fiber Stripper, plier type Fiber-Clean Towelettes, single wipes (10) Nut Driver: 11/32 in Side Cutters SST-Drop™ Cable Access Tool Tape Measure Utility Knife with 3 blades

(continued)

Fiber Optic Splicing Tool Kits

Ordering Information (continued)

Part Number	Description
TKT-RIBBON-COMBO	Combination Ribbon Tool Kit. Includes tools necessary for working with and splicing ribbon. The unique ribbon splitting tool, universal access tool 3, and ribbonizer are packaged in one convenient kit within a hard carrying case. Additional contents include: Cleaning Brush Electrician Scissors Fiber Color Code Label Sheet Open-End Wrench: 3/8 in Plastic Box Plastic Tape Dispenser Round Poly Container: 53 mm Scotch Tape Slotted Screwdriver: 2 in Stainless Steel Shims (5) UAT3 Gauge Card
TKT-026-01A	Fiber Organizer Tape Applicator “Ribbonizer” Tool Kit. This kit is designed for fast and easy preparation of loose tube optical fibers for mass fusion splicing. With the FOTA’s ribbonizing fixture and associated tools, users can prepare approximately 6 in of ribbonized fibers for mass fusion splicing quickly and easily with no messy glues. The FOTA features a reversible fixture that permits preparation of six or 12 fibers, or an optional fixture for four or eight fibers. Additional contents include: Fiber Color Code Label Sheet Plastic Box Scotch Tape (2) Spatula Stainless Steel Shim (5) Table Top Tape Dispenser Tool Kit Case “G” Complete Tweezers

The following items are ONLY available to supplement TKT-026-01A.

FOTA-200	Reversible Fixture for 6- and 12-ribbon fibers
FOTA-300	Reversible Fixture for 4- and 8-ribbon fibers

TKT-FTTX-RIBBON	Ribbon Midspan Tool Kit. This kit is designed for performing a midspan access of a ribbon cable. This includes opening the ribbon cable jacket, performing a midspan on the central tube (5-24 mm), and splitting a ribbon into smaller ribbons. Additional contents include: Cleaning Brush Coaxial Cable Stripper Dual-Hole Miller Tool Fiber Stripper Fiber-Clean® Towelettes, single wipes (10) Open-End Wrench: 3/8 in Pump Bottle, locking top Ribbon Splitting Tool Rotary Cable Stripper Round Poly Container: 53 mm (2) RST Tool Pouch Sheath Ripper Side Cutters Slotted Screwdriver: 2 in Spatula Tape Measure Tool Kit Case "L" Complete Tweezers UAT3 Complete Case UAT3 Gauge Card UAT3 Tool

(continued)

Ordering Information (continued)

Part Number	Description
TKT-FTTX-LT	Loose Tube Cable Midspan Tool Kit. This kit contains tools required to perform a midspan access on a loose tube cable, including the opening of a small buffer tube (2.4 - 2.6 mm). This kit also includes a compact, soft case. Additional contents include:

- Buffer Tube Stripper
- Dual-Hole Miller Tool Fiber Stripper
- Fiber-Clean® Towelettes, single wipes (10)
- Optical Fiber Access Tool
- Pump Bottle, locking top
- Rotary Cable Stripper
- Sheath Ripper
- Side Cutters
- Spatula
- Tape Measure
- Tray Crimping Pliers
- Tweezers

TKT-009 and TKT-009-01	ERK® Emergency Restoration Tool Kits. These kits combine the necessary tools for the quick recovery of transmission of a multimode or single-mode fiber optic system. The kits contain jacket removal and fiber preparation tools, an FBC-001 Score and Snap Cleaver (TKT-009-01 only) and CamSplice™ Mechanical Splice tools. Additional contents include:

- Book of Numbers: 0-9
- Buffer Tube Stripper
- Cable Ties: 4.5 in (100 each)
- Combination Wrench: 10 mm
- Dual-Hole Miller Tool Fiber Stripper
- Electrical Tape
- Electrician Scissors
- Emery Cloth
- Lint-Free Wipes
- Mechanical Wire Stripper
- Metal Ruler
- Phillips Screwdriver: 3 in
- Sharpie Marker, black
- Sheath Ripper
- Side Cutters
- Slotted Screwdrivers: 4 in, 2 in
- Tape Measure
- Tool Kit Case “B” Complete
- Tweezers
- Utility Knife Assembly
- Wire Stripper

(continued)

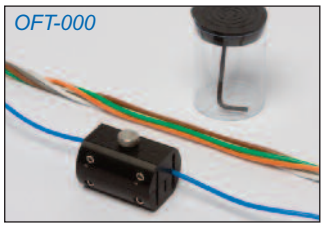
Fiber Optic Splicing Tool Kits

Ordering Information (continued)

Part Number	Description
TKT-100-01 and TKT-100-02	CamSplice™ Mechanical Splice Tool Kits. These kits include assembly tool, buffer tube cutting tool, fiber coating stripping tool and other miscellaneous items required for splicing. Kits come in a compact carrying case. TKT-100-02 is the same kit as TKT-100-01 but also includes an FBC-001 Score and Snap Fiber Cleaver. Additional contents include:

- Alcohol Wipes (6)
- Book of Numbers: 0-9
- Dual-Hole Miller Tool Fiber Stripper
- Electrical Tape
- Electrician Scissors
- Sharpie Marker, black
- Squeeze Bottle: 60 ml
- Tweezers
- Wire Stripper

UAT3-000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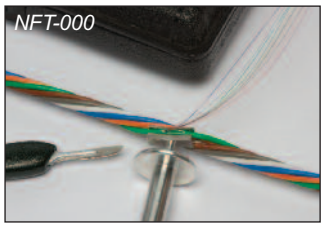
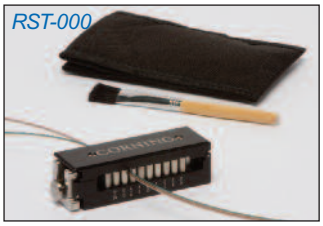

NFT-000


RST-000

RPOC-001

- *Designed to quickly, easily and safely access Corning Cable Systems fiber optic cables in midspan situations*
- *Allows user to enter a cable and access one or more fibers without disturbing the continuity of other fibers at that location*
- *Drop cables can be spliced without disturbing working traffic on other fibers*

For detailed specifications and information, visit ***www.corning.com/cablesystems*** *and enter the following literature code into the search engine:* **LAN-332-EN**

Ordering Information

Part Number	Description
UAT3-000	Universal Access Tool for accessing fibers midspan in a Corning Cable Systems single-tube fiber optic cable product; accommodates tubes with outside diameters of 5 mm to 24 mm
OFT-000	Optical Fiber Access Tool (OFAT) for accessing fibers in a buffer tube midspan; accommodates buffer tubes with outside diameters of 2.4 mm to 3 mm
NFT-000	No-Slack Optical Fiber Access Tool (NOFAT) for accessing fibers in a buffer tube midspan with no cable slack; accommodates buffer tubes with outside diameters of 2.4 mm to 3 mm
RST-000	Ribbon Splitting Tool for separating ribbons in midspan or at the cable end
RPOC-001	Ripcord Puller for outdoor cable, used in conjunction with a cordless screwdriver (not included)

Accessories

UAT-001	Consumables Kit for UAT-000 or UAT2-000
OFT-001	OFAT Replacement Blades (package of 4)
NFT-001	NOFAT Replacement Blades (package of 5)
UAT3-Blades	UAT3-000 Replacement Blades (package of 4)
UAT3-Springs	UAT3-000 Replacement Springs (package of 2)

Additional accessories may be available. View the detailed specifications and information document referenced above.

Equipment Rental Services

Corning Cable Systems rents a variety of equipment to aid the installation of fiber optic cabling solutions, including state-of-the-art Corning Cable Systems Fusion Splicers, Optical Time Domain Reflectometers (OTDRs) and Attenuation Tests Sets.

Renting fiber optic equipment is an attractive option to installers who require equipment for a particular installation or a small, one-time job and it is an excellent way to evaluate new equipment before purchasing. Rental requires no capital expenditure and the rental cost can be expensed to each specific project.

A large inventory is available with the latest equipment technology and special rates are offered for multiple equipment rentals. Next-day delivery is standard procedure and Corning Cable Systems offers immediate repair or replacement.

Equipment rental is economical, quick and easy with selection assistance by phone and special discounts for certified program members (contact Customer Service for details). An equipment hold option allows equipment to be reserved for future rentals, thereby offering flexibility and assurance of availability when needed.

Experienced engineers and technicians provide technical support 24 hours a day, seven days a week at 800-743-2671. Product specification literature and rental policies are available from Corning Cable Systems Customer Service by calling 800-743-2673.

Many splice, test and field termination products plus accessories are available for rent. Call Corning Cable Systems Customer Service or visit ***www.corning.com/cablesystems/rentals***

Ordering Information

Part Number	Description
Splicers and Cleavers	
RM90E	Low-Loss Performance and High-End Accuracy Core Alignment and Core Detection Fusion Splicer with cleaver and rapido heat-shrink oven used to splice single-mode and multimode fibers
RM90I	High-Precision Core Alignment and Core Detection Fusion Splicer with cleaver and rapido heat-shrink oven used to splice single-mode and multimode fibers
RM90	High-Precision Fusion Splicer with cleaver and heat-shrink oven used to splice single-mode and multimode fibers
RILID	Windows® XP Professional Operating System, fusion splicer with cleaver and heat-shrink oven
RX77	Fusion Splicer with cleaver and heat-shrink oven
ROSLID	High-Precision Core Alignment and Core Detection Fusion Splicer with cleaver and rapido heat-shrink oven
ROSONE	Fusion Splicer with 250 µm handlers only, cleaver and heat-shrink oven with a fixed V-groove
ROSRIBBON	Fusion Splicer with 12-fiber handlers only, cleaver, hot stripper and heat-shrink oven with a fixed V-groove for ribbon fiber splicing; other handlers available
RCLEAVER-005	FBC-005 High-Precision Cleaver (typically used with the RM90 Fusion Splicer)
RCLEAVER-006	FBC-006 High-Precision Cleaver (typically used with the RM90E and ROSLID Fusion Splicers)
RCLEAVER-012	FBC-012 High-Precision Cleaver (cleaves 2-12 fiber ribbons) for use with ROSRIBBON Fusion Splicer and MTP® Connector Kits
Accessories	
R900HOS1	Fiber Handler for coated 900 µm single fiber for use with ROSONE

(continued)

Ordering Information (continued)

Part Number	Description
OTDRs	
R500DM/DS	Multitester OTDR dual multimode (850/1300)/dual single-mode (1310/1550)
R1000DM/DS	Multitester OTDR dual multimode (850/1300)/dual single-mode (1310/1550)
Accessories	
RPORT1000ST	Universal Interface Source/OTDR Connector Adapter, ST® Compatible for use with R1000DM/DS
RPORT1000SC	Universal Interface Source/OTDR Connector Adapter, SC compatible for use with R1000DM/DS
RPORT1000FC	Universal Interface Source/OTDR Connector Adapter, FC compatible for use with R1000DM/DS
RPROBE	Video Inspection Probe for use with OV-1000 (200-400 magnification)
RVPROBTIP	Video Inspection Probe Tip for patch cord or bulkhead (available types – 2.5 or 1.5 mm ferrules, APC, MTP® Connector, OptiTip® MT Connector, OptiTap® Connector and multiport)
RACCJUMPMM50FC	Multimode Access Jumper 50 µm with an FC connector
RACCJUMPMM50LC	Multimode Access Jumper 50 µm with an LC connector
RACCJUMPMM50MTRJ	Multimode Access Jumper 50 µm with an MT-RJ connector
RACCJUMPMM50SC	Multimode Access Jumper 50 µm with an SC connector
RACCJUMPMM50ST	Multimode Access Jumper 50 µm with an ST Compatible Connector
RACCJUMPMM62.5FC	Multimode Access Jumper 62.5 µm with an FC connector
RACCJUMPMM62.5LC	Multimode Access Jumper 62.5 µm with an LC connector
RACCJUMPMM62.5MTRJ	Multimode Access Jumper 62.5 µm with an MT-RJ connector
RACCJUMPMM62.5SC	Multimode Access Jumper 62.5 µm with an SC connector
RACCJUMPMM62.5ST	Multimode Access Jumper 62.5 µm with an ST Compatible Connector
RACCJUMPSMFC	Single-Mode Access Jumper with an FC connector
RACCJUMPSMLC	Single-Mode Access Jumper with an LC connector
RACCJUMPSMMTRJ	Single-Mode Access Jumper with an MT-RJ connector
RACCJUMPSMSC	Single-Mode Access Jumper with an SC connector
RACCJUMPSMSCA	Single-Mode Access Jumper with an angled SC connector
RACCJUMPSMST	Single-Mode Access Jumper with an ST Compatible Connector
Test Sets	
ROTS600SM/MM	600 Series Multimode/Single-Mode Test Sets 850 nm, 1300 nm, 1310 nm and 1550 nm
RTESTSETMM	300 Series Multimode Test Set 850 nm/1300 nm (2 handheld units with ST Compatible ports; bi-directional testing)
RTESTSETSM	300 Series Single-Mode Test Set 1310 nm/1550 nm (2 handheld units with FC ports; bi-directional testing)
RTESTSETSM/MM	300 Series Multimode/Single-Mode Test Sets 850 nm, 1300 nm, 1310 nm and 1550 nm
Accessories	
RREFJUMPMM50FC	Multimode Reference Jumper 50 µm with an FC connector
RREFJUMPMM50LC	Multimode Reference Jumper 50 µm with an LC connector
RREFJUMPMM50MTRJ	Multimode Reference Jumper 50 µm with an MT-RJ connector
RREFJUMPMM50SC	Multimode Reference Jumper 50 µm with an SC connector
RREFJUMPMM50ST	Multimode Reference Jumper 50 µm with an ST Compatible Connector
RREFJUMPMM62.5FC	Multimode Reference Jumper 62.5 µm with an FC connector
RREFJUMPMM62.5LC	Multimode Reference Jumper 62.5 µm with an LC connector
RREFJUMPMM62.5MTRJ	Multimode Reference Jumper 62.5 µm with an MT-RJ connector
RREFJUMPMM62.5SC	Multimode Reference Jumper 62.5 µm with an SC connector
RREFJUMPMM62.5ST	Multimode Reference Jumper 62.5 µm with an ST Compatible Connector
RREFJUMPSMFC	Single-Mode Reference Jumper with an FC connector
RREFJUMPSMLC	Single-Mode Reference Jumper with an LC connector
RREFJUMPSMMTRJ	Single-Mode Reference Jumper with an MT-RJ connector
RREFJUMPSMSC	Single-Mode Reference Jumper with an SC connector
RREFJUMPSMST	Single-Mode Reference Jumper with an ST Compatible Connector

(continued)

Ordering Information (continued)

Part Number	Description
Field Termination Kits	
RUNICAM	UniCam® Connector Installation Kit with VFL (UniCam ST® Compatible, SC, LC Connectors)
RMTPUNICAM	UniCam Connector Installation Kit (UniCam MTP® Connectors)
RANAEROBIC	Anaerobic Installation Kit (ST Compatible, SC, LC Anaerobic Connectors)
RPRETIUM	UniCam Pretium® Installation Kit (SC, LC, ST Compatible Connectors)
RCAMSPLICE	CamSplice™ Mechanical Splice Installation Kit (CAMSPLICES 95-000-04)
Additional Equipment	
RVFL	VFL (visual fault locator)
RTOOLKIT	Cable Preparation and Fusion Splicing Tool Kit
RCHECKPOINT	CheckPoint™ Fiber Identifier
RACCESSTOOL	Fiber Access Tools (available items – OFAT, NOFAT, STOFAT, UAT, RST)
RHEATSHRINK-01	Heat Shrinks 60 mm (packages of 50 to be sold with splicer rental only)
RHEATSHRINK-12	Heat Shrinks Ribbon (packages of 25 to be sold with splicer rental only)
RMECHSPLICE	CamSplice Mechanical Splice (packages of 6 to be sold with CamSplice Mechanical Splice rental only)
RTALKSET	Fiber Optic Talk Set (smallTALK® Fiber Communicator with FC connectors)

Fiber Optic Training Programs

Corning Cable Systems has developed a comprehensive, integrated training program to meet the needs of designers, installers and users of fiber optic products. Courses are structured for each applications' unique needs: telecommunications, cable television, access, local and wide area networks, wireless networks, intelligent transportation systems (ITS) and power utilities.

Our training programs offer a challenging curriculum based on Corning's extensive product, engineering and installation experience. Standard courses are scheduled throughout the year at locations across the country. Customized classes and classes taught at customer locations are always available as well, with minimum attendees.

Our installation instructors share their real-world knowledge of products and techniques gained through extensive experience working in the field. Our design instructors are the same engineers who assist customers with their system designs every day. Consider your instructor your coach whose primary goal is to help you succeed.

Corning Cable Systems fiber optic training provides:

High-quality course content: presentations and manuals that explain the concepts and present state-of-the-art techniques and products, the result of Corning's timeless innovation

Plenty of coaching: small class sizes allow instructors to get to know each student and offer personalized guidance

Lots of hands-on: installation classes are primarily hands-on practice constructing and testing systems with real products; design classes include interactive case studies where students collaborate on real-world designs

Custom courses: we will tailor any private fiber optic training course to suit your needs at your location or one of your choosing, including in the field

Certification Exams

Corning Cable Systems installation classes are approved by both the Electronics Technician Association International (ETA®) and the Fiber Optic Assocation (FOA) for a Fiber Optic Installer (FOI) certification.

*To register for a Corning Cable Systems class, call toll free **800-743-2671** and ask for one of our training coordinators or register online at **www.corning.com/cablesystems/training***

(continued)

TS LAN 500 Training Course

Hands-On Comprehensive Installation Technology Course for Multimode and Single-Mode Optical Local Area Networks

Curriculum

Safety: chemical safety, laser safety and fiber handling precautions
Complete multimode and single-mode fiber optic system build
Theory and principle of fiber optics
Fiber types and fiber manufacturing techniques for multimode and single-mode fibers
Loose tube and tight-buffered cables and applications
Fire code and National Electric Code® (NEC®) considerations for structured cabling
Cable installation and placement techniques for building, duct, aerial and direct-buried applications
Installing wire mesh pulling and split grips
Termination methods for field-installable connectors, pigtails and preconnectorized assemblies
Cable preparation techniques for splicing and connectorization
Installing Corning Cable Systems UniCam® Pretium®-Performance LC, SC and ST® Compatible Connectors in addition to anaerobic connectors
Splicing: applications, fusion, mechanical and termination methods and preparation of splice closure
Fusion splicing with Corning Cable Systems OptiSplice® One and M90e Splicers: features and troubleshooting tips
Hardware types and applications in various LAN types
Optical insertion loss test procedures: 1-, 2- and 3-jumper references (proper use and application)
Use and operation of Corning Cable Systems Optical Time Domain Reflectometer (OTDR)
Network testing and documentation: procedures and requirements
Troubleshooting equipment and procedures (application and hands-on)
Emergency restoration, planning and tips

BICSI CEC 35 RCDD, 12 Installation
Class Size 12 students (maximum)
Class Time 8:30 a.m. – 5:00 p.m.

Audio or video recording of any Corning Cable Systems training course is strictly prohibited.

*To register for a Corning Cable Systems class, call toll free **800-743-2671** and ask for one of our training coordinators or register online at **www.corning.com/cablesystems/training***

Fiber Optic Design Course for Multimode and Single-Mode Optical Local Area Networks

Curriculum

Includes several interactive case studies
Theory and principle of fiber optics
Fiber types and applications for multimode and single-mode networks
Fiber connector types and applications
Fiber splicing technologies overview
Optical sources including LEDs, VCSELs, lasers and modulators
Cable types and selection for network design
Fire code and National Electric Code® (NEC®) considerations
Connectorization methods for field-installable connectors, pigtails and preconnectorized assemblies
ANSI/TIA/EIA-568-B structured cabling standard
Ethernet, GigE and 10 Gigabit Ethernet
Fiber optic hardware – applications design
Voice network design and cabling considerations
Security, conference and video operation and design
Network cabling design integration for campus building and backbone
Data center anatomy, function and design
Data center hardware product selection
Main, intermediate and horizontal cross-connect layout and functionality; equipment room and raised-floor applications
Internetworking components, concepts and design considerations
Logical network topologies
Optical testing measurements, guidelines and equipment

BICSI CEC 28 RCDD or OSP, 12 Installation

Class Size 10-25 students

Class Time 8:30 a.m. – 5:00 p.m.

Audio or video recording of any Corning Cable Systems training course is strictly prohibited.

*To register for a Corning Cable Systems class, call toll free **800-743-2671** and ask for one of our training coordinators or register online at **www.corning.com/cablesystems/training***

TS LAN 200/TS LAN 200-A Training Courses

Hands-On Installation Courses for Connectorization of Multimode and Single-Mode Optical Local Area Networks

Curriculum

Safety: chemical safety, laser safety and fiber handling precautions
Theory and principle of fiber optics
Cable types and applications
Termination methods for field-installable connectors
Cable preparation techniques for connectorization
Installing Corning Cable Systems UniCam® Pretium®-Performance Multimode Connectors: LC, SC and ST® Compatible in addition to anaerobic connectors
Use and operation of Corning Cable Systems Optical Time Domain Reflectometer (OTDR)
Cable system testing and documentation: procedures and requirements
Emergency restoration procedures and planning
TS LAN 200: Multimode applications only
TS LAN 200-A: Multimode and single-mode applications

BICSI CEC TS LAN 200: 9 RCDD and/or installation
TS LAN 200-A: 14 RCDD, 12 Installation

Class Size 12 students (maximum)

Class Time 8:30 a.m. – 5:00 p.m.

Audio or video recording of any Corning Cable Systems training course is strictly prohibited.

*To register for a Corning Cable Systems class, call toll free **800-743-2671** and ask for one of our training coordinators or register online at **www.corning.com/cablesystems/training***

Hands-On Splicing

Curriculum

Safety: chemical safety, laser safety and fiber handling precautions
Theory and principle of fiber optics
Fiber types and fiber manufacturing techniques for multimode and single-mode fibers
Loose tube and tight-buffered cable manufacturing techniques
Cable preparation techniques for splicing
Splicing: applications, fusion, mechanical and termination methods
Fusion splicing with the Corning Cable Systems OptiSplice® One and M90e Splicers: features and troubleshooting tips
Single-fiber mechanical splicing with Corning Cable Systems CamSplice™ Mechanical Splice
Use and operation of Corning Cable Systems Optical Time Domain Reflectometer (OTDR)
Splice test methods and procedures

BICSI CEC 12 RCDD and/or installation
Class Size 12 students (maximum)
Class Time 8:30 a.m. – 5:00 p.m.

Audio or video recording of any Corning Cable Systems training course is strictly prohibited.

*To register for a Corning Cable Systems class, call toll free **800-743-2671** and ask for one of our training coordinators or register online at **www.corning.com/cablesystems/training***

TS LAN 300 Training Course

Hands-On Installation Course for Connectorization and Testing of Multimode and Single-Mode Optical Networks

Curriculum

Safety: chemical safety, laser safety and fiber handling precautions
Fiber optic system build
Theory and principle of fiber optics
Loose tube and tight-buffered cable manufacturing techniques
Termination methods for field-installable connectors, pigtails and preconnectorized assemblies
Cable preparation techniques for connectorization
Single-fiber mechanical splicing with Corning Cable Systems CamSplice™ Mechanical Splice
Installing Corning Cable Systems UniCam® Pretium®-Performance Multimode Connectors: LC, SC and ST® Compatible in addition to anaerobic epoxy-and-polish connectors
Optical attenuation test set procedures:1-, 2- and 3-jumper references (insertion loss testing)
Use and operation of Corning Cable Systems Optical Time Domain Reflectometer (OTDR)
Network testing and documentation: procedures and requirements

BICSI CEC 16 RCDD and/or installation

Class Size 12 students (maximum)

Class Time 8:30 a.m. – 5:00 p.m.

Audio or video recording of any Corning Cable Systems training course is strictly prohibited.

*To register for a Corning Cable Systems class, call toll free **800-743-2671** and ask for one of our training coordinators or register online at **www.corning.com/cablesystems/training***

Hands-On Installation Technology Course for Multimode Optical Local Area Networks

Curriculum

Safety: chemical safety, laser safety and fiber handling precautions
The class completes multimode fiber optic system build
Theory and principle of fiber optics
Fiber types and fiber manufacturing techniques for multimode and single-mode fibers
Loose tube and tight-buffered cable manufacturing techniques
Fire code and National Electric Code® (NEC®) considerations
Cable installation and placement techniques for building, duct, aerial and direct-buried applications
Installing wire mesh pulling and split grips
Termination methods for field-installable connectors, pigtails and preconnectorized assemblies
Cable preparation techniques for splicing and connectorization
Installing Corning Cable Systems UniCam® Pretium®-Performance Multimode Connectors: LC, SC and ST® Compatible in addition to anaerobic connectors
Splicing: applications, fusion, mechanical and termination methods
Fusion splicing with Corning Cable Systems OptiSplice® One and M90e Splicers: features and troubleshooting tips
Hardware types and applications
Optical attenuation test set procedures: 1-, 2- and 3-jumper references (insertion loss testing)
Troubleshooting equipment and procedures
Emergency restoration and planning
Use and operation of Corning Cable Systems Optical Time Domain Reflectometer (OTDR)
Network testing and documentation: procedures and requirements

BICSI CEC 24 RCDD or 12 Installation
Class Size 12 students (maximum)
Class Time 8:30 a.m. – 5:00 p.m.

Audio or video recording of any Corning Cable Systems training course is strictly prohibited.

*To register for a Corning Cable Systems class, call toll free **800-743-2671** and ask for one of our training coordinators or register online at **www.corning.com/cablesystems/training***

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f = fibers | IA = interlocking armored

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f = fibers | IA = interlocking armored

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f = fibers | IA = interlocking armored

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f = fibers | IA = interlocking armored

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E&P = epoxy-and-polish

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E&P = epoxy-and-polish | f = fibers

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f = fibers | HSF = heat-shrink fusion | HSMF = heat-shrink mass fusion | RTV = room temperature vulcanizing

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f = fibers | TAP = tether attachment point

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f = fibers | IA = interlocking armored | TAP = tether attachment point

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f = fibers | IA = interlocking armored

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MM = multimode | OTDR = optical time domain reflectometer | SM = single-mode

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HSF = heat-shrink fusion | HSMF = heat-shrink mass fusion

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MM = multimode | OTDR = optical time domain reflectometer | SM = single-mode

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2.5 mm Cleaning Sticks	CLEAN-STICKS-250	93
Advanced Tool Kit	TKT-FIBERTECH-PRO	96
Basic Splicing Tool Kit	TKT-SPLICE	97
CamSplice™ Mechanical Splice Tool Kit	TKT-100-01	100
CamSplice Mechanical Splice Tool Kit, cleaver	TKT-100-02	100
Cleaning Kit, multi-fiber connectors	TKT-CLEAN-MFC	93
Cleaning Kit, single-fiber connectors	TKT-CLEAN-SFC	93
Combination Ribbon Tool Kit	TKT-RIBBON-COMBO	98
Consumables Kit, UAT-000 or UAT2-000	UAT-001	101
Consumables Kit, anaerobic-cure connectors	TKT-ANAEROBIC2-C	92
Crimp & Go® Splice Protection Crimping Device Parts	FSA-012	95

f = fibers | OTDR = optical time domain reflectometer

Product Description	Part Number	Page
Tools & Kits		
Deluxe Cleaning and Inspection Kit, multi-fiber connectors	TKT-CLEAN-MFC-M	93
Deluxe Cleaning and Inspection Kit, single-fiber connectors	TKT-CLEAN-SFC-M	93
ERK® Emergency Restoration Tool Kit	TKT-009	99
ERK Emergency Restoration Tool Kit, cleaver	TKT-009-01	99
Fiber Handler Set, 2-fiber ribbon	OS-ADAPT2-1	94
Fiber Handler Set, 4-fiber ribbon	OS-ADAPT4-1	94
Fiber Handler Set, 6-fiber ribbon	OS-ADAPT6-1	94
Fiber Handler Set, 8-fiber ribbon	OS-ADAPT8-1	94
Fiber Handler Set, coated 250 µm single-fiber	OS-ADAPT250-1	94
Fiber Handler Set, coated 900 µm single-fiber	OS-ADAPT900-1	94
Fiber Handler Set, wide 12-fiber ribbon (3.18 mm)	OS-ADAPT12W-1	94
Fiber Optic Connector Cleaning Fluid	FCC-CLEANER-CONN	93
Fiber Organizer Tape Applicator “Ribbonizer” Tool Kit	TKT-026-01A	98
Fiber-Clean® Towelettes, 12-canister case	FC-45-12	93
Fiber-Clean Towelettes, canister	FC-45-1	93
Flat Drop/Harness Splice Preparation Tool Kit	TKT-FTTX-FLATDROP	97
Fusion Splicing Consumables Kit	M67-004	97
Fusion Splicing Tool Kit	M67-003	96
Heat-Shrink Fusion Splice Protector Parts, single-fiber, 40 mm	2806032-01	95
Heat-Shrink Fusion Splice Protector Parts, single-fiber, 60 mm	2806031-01	95
Heat-Shrink Mass Splice Protector Parts, 2f or 4f ribbon, 40 mm	2806031-04	95
Heat-Shrink Mass Splice Protector Parts, 6f or 12f ribbon, 40 mm	2806031-012	95
High-Performance Cleaver	FBC-012	94
Installation Tool Kit, anaerobic-cure connectors	TKT-ANAEROBIC2	92
Loose Tube Cable Midspan Tool Kit	TKT-FTTX-LT	99
No-Slack Optical Fiber Access Tool (NOFAT)	NFT-000	101
NOFAT Replacement Blades	NFT-001	101
OFAT Replacement Blades	OFT-001	101
Optical Fiber Access Tool (OFAT)	OFT-000	101
Precision Diamond Cleaver, single-fiber applications	FBC-006	94
Reversible Fixture for TKT-026-01A, 4- and 8-ribbon fibers	FOTA-300	98
Reversible Fixture for TKT-026-01A, 6- and 12-ribbon fibers	FOTA-200	98
Ribbon Midspan Tool Kit	TKT-FTTX-RIBBON	98
Ribbon Splitting Tool	RST-000	101
Ripcord Puller, outdoor cable	RPOC-001	101
Score and Snap Fiber Cleaver	FBC-001	94
Single-Fiber Port Cleaner, 2.5 mm ferrules	CLEANER-PORT-2.5	93
Single-Fiber Port Cleaner, LC, keyed LC and MU	CLEANER-PORT-LC	93
Single-Fiber Port Cleaner, OptiTap® Connector	CLEANER-PORT-OTAP	93
Spare Fiber Handler Set, 12-fiber ribbon (3.15 mm)	OS-ADAPT12M-1	94
Splice Pak™ Splice Protector, blue, 250/900 µm	A0295149	95
Splice Pak Splice Protector, green, 900/900 µm	A0295150	95
Splice Pak Splice Protector, yellow, 250/250 µm	A0276859	95
UAT3-000 Replacement Blades	UAT3-Blades	101
UAT3-000 Replacement Springs	UAT3-Springs	101
UniCam® Basic Tool Kit	TKT-UNICAM	91
UniCam MTP® Connector Tool Kit	TKT-UNICAM-MTP	92
UniCam Pretium® Cleaver	FBC-015	94
UniCam Pretium Tool Kit	TKT-UNICAM-PFC	91
Universal Access Tool	UAT3-000	101
Universal Connector Cleaning Cassette	CLEANER-UNIV-CASS	93

f = fibers

Notes

Notes

Metric Conversion Chart

Symbol →	Given →	Multiply by →	to Obtain →	Symbol
mm	millimeters	0.0394	inches	in
cm	centimeters	0.394	inches	in
km	kilometers	3281	feet	ft
km	kilometers	0.622	miles	mi
N	newtons	0.225	pound force	lbf
N•m	newton meter	0.738	foot pounds	lbf • ft
N/cm	newtons per centimeter	0.571	pounds force per inch	lbf/in
kg	kilograms	2.205	pounds	lb
kg/km	kilograms per kilometer	0.672	pounds per thousand feet	lb/1000 ft
°C	degrees Celsius	1.8 (then add 32)*	degrees Fahrenheit	°F
Symbol ←	to Obtain ←	Divide by ←	Given ←	Symbol

**When converting from °F to °C, subtract 32, then divide by 1.8.*

Decimal Prefixes

10^{9} giga (G)
10^{6} mega (M)
10^{3} kilo (k)
10^{-3} milli (m)
10^{-6} micro (μ)
10^{-9} nano (n)

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