

# 2016 Enterprise Networks CORE PRODUCTS

A night-time photograph of a city skyline reflected in water, with a dock in the foreground. The buildings are illuminated with warm lights, and the water shows a clear reflection of the lights. In the foreground, there are dark wooden posts and a metal railing on a stone pier.

CORNING

# 2016 Calendar

## JANUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## FEBRUARY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29					

## MARCH

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## APRIL

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

## MAY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## JUNE

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## JULY

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

## AUGUST

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## SEPTEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## OCTOBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

## NOVEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

## DECEMBER

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						



# Contents

Corning products are available, compatible and easy to specify, purchase, and install.

The core products list is a one-stop-shop for the names and part numbers of Corning's most popular local area network and data center solutions required to get the job done. These are the products – our tip-to-tip solutions – that we stock at our distributors, and that our customers use most on a daily basis.

We've also included information on new products and a list of valuable resources that can help save you time and money.

Creating innovative solutions, products, and resources that fit together, are available, and extend our customers' expertise in fiber optics is what Corning does best!

What's New

Local Area Networks

Data Centers

See the Light® Fiber Optic Training

Member Programs

Technology Alliance

Engineering and Project Services

Tools and Resources





## Introducing Corning EDGE8™ Solutions – Because Sometimes Less Really is More

Corning, makers of EDGE™ solutions, the industry-leading Base-12 preterminated optical cabling system for your data center, now offers EDGE8™ solutions. Combining the best-in-class density, speed of installation, and modular components of EDGE solutions with the superior network scalability, improved link performance, and 100 percent fiber utilization of the first true Base-8 optical solution.



### Link Cost Savings

**25 to 50% SAVINGS**



100% fiber utilization without the need for conversion modules results in 30% fewer MTP® connectors in the link.

### Jumper Complexity



**67% REDUCTION IN INVENTORY**

Pinning the trunks allows for a single pinless jumper deployment for all installations, reducing stocking and deployment complexity.

### Migration



**100% FIBER UTILIZATION**

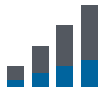
Allows 100% fiber utilization for 4-channel (SR4, PSM4, etc.) and 8-channel (SR8, LR8) applications.

### Reduced Link Attenuation



**50% REDUCTION IN PARALLEL LINK**

By eliminating the conversion modules, we cut the link attenuation in half resulting in longer parallel link distances.



**30% REDUCTION IN DUPLEX LINK**

By improving MTP-LC module insertion loss performance, we cut the link attenuation by 30% resulting in longer duplex link distances.

### Port Mapping

**OPTIMIZED PORT BREAKOUT**

For parallel to duplex breakout applications, the use of 8-fiber port breakout modules map 4-channel parallel protocols (SR4, PSM4, etc.) cleanly to duplex ports.



**OPTIMIZED HARNESS MAPPING**

Allows for 24-, 32-, 36-, and 48-port blades on large chassis switches to be cabled with 8-fiber harnesses without having to deal with unused fiber/connectors.

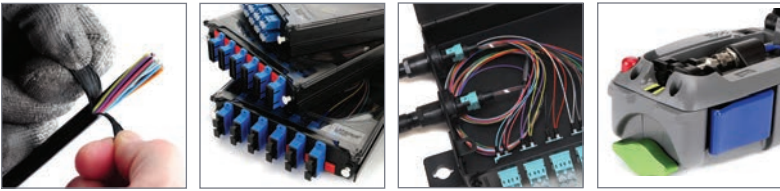
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Core Products for  
Local Area Networks

# Local Area Networks

Corning offers a complete line of solutions for every part of your optical local area network, from cables to connectors, hardware, and accessories.



Don't see what you're looking for? Visit our online product catalog at <http://catalog.corning.com/opcomm>  
Product information is easy to find, download, or print as needed.

## Transmission Performance

**OM1**

62.5  $\mu$ m multimode fiber

**OM3**

50  $\mu$ m multimode fiber

**OM4**

50  $\mu$ m multimode fiber

**OS2**

Single-mode fiber

## Transmission Performance

	OM1	OM3	OM4	OS2
Optical Fiber Type	62.5 $\mu\text{m}$ Multimode	50 $\mu\text{m}$ Multimode	50 $\mu\text{m}$ Multimode	Single-Mode
Wavelength	850 nm/1300 nm	850 nm/1300 nm	850 nm/1300 nm	1310 nm/1550 nm
Maximum Loose Tube Attenuation	3.4/1.0 dB/km	3.0/1.0 dB/km	3.0/1.0 dB/km	0.4/0.3 dB/km
Maximum Tight-Buffered Cabled Attenuation	2.8/1.0 dB/km	2.8/1.0 dB/km*	2.8/1.0 dB/km*	0.65/0.5 km
Minimum Over Filled Launch (OFL) Bandwidth	200/500 MHz•km	1500/500 MHz•km	3500/500 MHz•km	- / -
Minimum Effective Modal Bandwidth (EMB)	2200/- MHz•km	2000/- MHz•km	4700/- MHz•km	- / -

	OM1	OM3	OM4	OS2
Serial 1 Gigabit Ethernet Distance	300 m/550 m	1000 m/600 m	1000 m/600 m	5000 m/ -
Serial 10 Gigabit Ethernet Distance	33 m/ -	300 m/-	550 m/- <sup>†</sup>	10000 m/40000 m
Serial 40 Gigabit Ethernet Distance	- / -	100 m/-	150 m/-	10 km (40GBASE-LR4)
Serial 100 Gigabit Ethernet Distance	- / -	100 m/-	150 m/-	10 km (100GBASE-LR4) 40 km (100GBASE-ER4)

\*FREEDM® LST™ cable attenuation is 3.0/1.0.

<sup>†</sup>IEEE 802.3 specifies a maximum distance of 400 meters for 10GBASE-SR transmission. 550 meters is considered an acceptable engineered-length distance utilizing a complete Corning solution. Contact Corning Customer Care at 800-743-2675 for information.

## OM1 (62.5 µm Multimode Fiber)

### Cables

Indoor Cable							
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Non-Metallic)		MIC Interlocking Armored Cable (Metallic)		2.0 mm Zipcord Cable	
Riser	Plenum	Plenum		Riser	Plenum	Riser	Plenum
006K81-31130-24	006K88-31130-29	006K88-31130-D3		006K81-31130-A1	006K88-31130-A3	002K51-31330-24	002K58-31330-24
012K81-33130-24	012K88-33130-29	012K88-33130-D3		012K81-33130-A1	012K88-33130-A3		
024K81-33130-24	024K88-33130-29	024K88-33130-D3		024K81-33130-A1	024K88-33130-A3		

Indoor/Outdoor Cable						Outdoor Cable	
FREEDM® One Cable		FREEDM LST™ Cable		FREEDM Loose Tube Cable		ALTOS® Cable with FastAccess® Technology	
Riser	Plenum	Riser	Plenum	Riser	Plenum	OSP	
024K8F-31130-29	024K8P-31130-29	024KSF-T4130D20	024KSP-T4130D20	024KUF-T4130D20	024KWP-T4130D20	024KU4-T4730D20	
048K8F-31130-29	048K8P-31130-29	048KSF-T4130D20	048KSP-T4130D20	048KUF-T4130D20	048KWP-T4130D20	048KU4-T4730D20	
072K8F-31130-29	072K8P-31130-29	072KSF-T4130D20	072KSP-T4130D20	072KUF-T4130D20	072KWP-T4130D20	072KU4-T4730D20	

### Panels/Cassettes

Standard Panels				Pigtailed Cassettes For CCH And WCH Fiber Optic Hardware			
Fiber Count	LC	SC Duplex	ST Compatible	Fiber Count	LC	SC Duplex	ST Compatible
6 Fiber	CCH-CP06-A8	CCH-CP06-91	CCH-CP06-15T	6 Fiber	*Available	*Available	*Available
12 Fiber	CCH-CP12-A8	CCH-CP12-91	CCH-CP12-15T	12 Fiber	*Available	*Available	*Available
24 Fiber	CCH-CP24-A8	N/A	N/A	24 Fiber	*Available	N/A	N/A

\*Available with lead time. Refer to LAN-1129-EN.

### Hardware

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1 rack unit, accepts up to 2 CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2 rack units, accepts up to 4 CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3 rack units, accepts up to 6 CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4 rack units, accepts up to 12 CCH panels or cassettes

### Connectors

Termination	Performance	LC	SC	ST® Compatible
UniCam® Connectors	High Performance (0.5 db Max)	95-000-99*	95-000-41*	95-000-51*
UniCam Connectors	Standard Performance (0.75 db Max)	95-000-99*	95-000-40*	95-000-50
Anaerobic Connectors	Standard Performance	95-101-98-SP*	95-101-41-SP*	95-101-52-SP

\*Add "-Z" to UniCam connector part number for 25/pack Organizer Pack (i.e. 95-000-99-Z). Includes boots for 900 µm only.

Tool Kits	
High-Performance UniCam	TKT-UNICAM-PFC
Standard-Performance Installation UniCam	TKT-UNICAM
Anaerobic Tool Kit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C

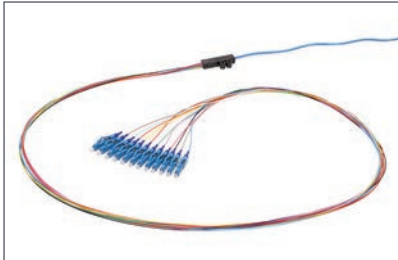


# OM1 (62.5 μm Multimode Fiber)

## Hardware

Wall-Mountable Hardware		Hardware Accessories	
SPH-01P	Single-Panel Housing, holds 1 CCH connector panel	SPH-DIN-KIT	DIN-Rail Mounting Kit for SPH
WCH-02P	Wall-Mountable Connector Housing, holds 2 CCH connector panels or cassettes	ICH-SPLC-2	Splice Tray Holder for ICH-02P
WCH-04P	Wall-Mountable Connector Housing, holds 4 CCH connector panels or cassettes	ICH-SPLC-6	Splice Tray Holder for ICH-06P
WCH-06P	Wall-Mountable Connector Housing, holds 6 CCH connector panels or cassettes	CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings ONLY
EDC-02P-NH	Environmental Distribution Center, holds 2 CCH connector panels	HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® solutions hardware (Not CCH or WCH)
EDC-06P-NH	Environmental Distribution Center, holds 6 CCH connector panels	HDWR-GRND-KIT	Hardware Grounding Kit for LANscape solutions hardware
EDC-12P-NH	Environmental Distribution Center, holds 12 CCH connector panels	<b>Cassettes/Splice Trays</b>	
ICH-02P	Industrial Connector Housing, holds 2 CCH connector panels	CCH-CS	Cassette Splice, holds 1 CCH connector panel and up to 24 heat-shrink fusion splices
ICH-06P	Industrial Connector Housing, holds 6 CCH connector panels	CCH-CF	Termination Cassette, holds 1 CCH connector panel and up to 24 field terminations
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels	M67-048	Holds 12 heat-shrink fusion splices, for LANscape solutions splice closures
		M67-076	Holds 12 heat-shrink fusion splices, for LANscape solutions rack-mountable housings
		M67-110	Holds 12 heat-shrink fusion splices, for LANscape solutions wall-mountable housings

## Additional Products

2-Fiber Jumpers (3 m in length)		2-Fiber Jumper in a Box (Qty 70)		Consumables	
050502K5120003M	LC duplex to LC duplex	0505-ZP1-B70-03M	LC duplex to LC duplex, 3 m, qty of 70 jumpers per box	FCC-WIPES	Fiber Optic Wipes
575702K5120003M	SC duplex to SC duplex	5757-ZP1-B70-03M	SC duplex to SC duplex, 3 m, qty of 70 jumpers per box	FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
505002K5120003M	ST® compatible to ST compatible	5050-ZP1-B70-03M	ST compatible to ST compatible, 3 m, qty of 70 jumpers per box	CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
055702K5120003M	LC duplex to SC duplex	0557-ZP1-B70-03M	LC duplex to SC duplex, 3 m, qty of 70 jumpers per box	CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
505702K5120003M	ST compatible to SC duplex	5057-ZP1-B70-03M	ST compatible to SC compatible, 3 m, qty of 70 jumpers per box	HEAT SHRINKS 2806031-01	Fusion Splice Protectors, single-fiber, 60 mm long, Qty: 50
<b>Splice Closures</b>		<b>Fan-Out Kits</b>			
SCF-4C18-01-36	SCF Splice Closure, 36-splice capacity, trays included	FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, 6 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCF-6C22-01-72	SCF Splice Closure, 72-splice capacity, trays included	FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCG-8C18-01	Splice Closure Fiber (SCF) with gel-sealed end cap, 6-ports, 8-in diameter x 18-in length 144-splice capacity	FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, 6 fiber, 25-in legs <i>For use in all applications</i>		
<b>Test Equipment</b>		FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 fiber, 25-in legs <i>For use in all applications</i>		
CHECKPOINT PRO	Fiber Traffic Identifier with indicator				
VFL-350	Visual Fault Locator, 2.5 mm ferrule adapter				

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OM3 50 μm  
Multimode Fiber

# OM3 50 $\mu$ m Multimode Fiber

## OM3 (50 $\mu$ m Multimode Fiber)

### Cables

Indoor Cable							
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Non-Metallic)		MIC Interlocking Armored Cable (Metallic)		2.0 mm Zipcord Cable	
Riser	Plenum	Plenum		Riser	Plenum	Riser	Plenum
006T81-31180-24	006T88-31180-29	006T88-31180-D3		006T81-31180-A1	006T88-31180-A3	002T51-31380-24	002T58-31380-24
012T81-33180-24	012T88-33180-29	012T88-33180-D3		012T81-33180-A1	012T88-33180-A3		
024T81-33180-24	024T88-33180-29	024T88-33180-D3		024T81-33180-A1	024T88-33180-A3		

Indoor/Outdoor Cable						Outdoor Cable	
FREEDM® One Cable		FREEDM LST™ Cable		FREEDM Loose Tube Cable		ALOTOS® Cable with FastAccess® Technology	
Riser	Plenum	Riser	Plenum	Riser	Plenum	OSP	
024T8F-31180-29	024T8P-31180-29	024TSF-T4180D20	024TSP-T4180D20	024TUF-T4180D20	024TWP-T4180D20	024TU4-T4780D20	
048T8F-31180-29	048T8P-31180-29	048TSF-T4180D20	048TSP-T4180D20	048TUF-T4180D20	048TWP-T4180D20	048TU4-T4780D20	
072T8F-31180-29	072T8P-31180-29	072TSF-T4180D20	072TSP-T4180D20	072TUF-T4180D20	072TWP-T4180D20	072TU4-T4780D20	

### Panels/Cassettes

Standard Panels				Pigtailed Cassettes For CCH And WCH Fiber Optic Hardware			
Fiber Count	LC	SC Duplex	ST® Compatible	Fiber Count	LC	SC Duplex	ST Compatible
6 Fiber	CCH-CP06-E4	CCH-CP06-E7	CCH-CP06-H3	6 Fiber	*Available	*Available	*Available
12 Fiber	CCH-CP12-E4	CCH-CP12-E7	CCH-CP12-H3	12 Fiber	CCH-CS12-E4-P00TE	*Available	*Available
24 Fiber	CCH-CP24-E4	N/A	N/A	24 Fiber	CCH-CS24-E4-P00TE	N/A	N/A

\*Available with lead time. Refer to LAN-1129-EN.

### Hardware

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1 rack unit, accepts up to 2 CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2 rack units, accepts up to 4 CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3 rack units, accepts up to 6 CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4 rack units, accepts up to 12 CCH panels or cassettes

### Connectors

Termination	Performance	LC	SC	ST Compatible
UniCam® Connectors	High Performance (0.5 db Max)	95-050-99-X*	95-050-41-X*	95-050-51-X*
Anaerobic Connectors	Standard Performance	95-051-98-SP-X	95-051-41-SP-X	95-051-52-SP-X

\*Add "-Z" to UniCam connector part number for 25/pack Organizer Pack (i.e. 95-050-99-Z). Includes boots for 900  $\mu$ m only.


Tool Kits	
High-Performance UniCam	TKT-UNICAM-PFC
Standard-Performance Installation UniCam	TKT-UNICAM
Anaerobic Tool Kit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C

# OM3 (50 μm Multimode Fiber)

## Hardware

Wall-Mountable Hardware		Hardware Accessories	
SPH-01P	Single-Panel Housing, holds 1 CCH connector panel	SPH-DIN-KIT	DIN-Rail Mounting Kit for SPH
WCH-02P	Wall-Mountable Connector Housing, holds 2 CCH connector panels or cassettes	ICH-SPLC-2	Splice Tray Holder for ICH-02P
WCH-04P	Wall-Mountable Connector Housing, holds 4 CCH connector panels or cassettes	ICH-SPLC-6	Splice Tray Holder for ICH-06P
WCH-06P	Wall-Mountable Connector Housing, holds 6 CCH connector panels or cassettes	CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings ONLY
EDC-02P-NH	Environmental Distribution Center, holds 2 CCH connector panels	HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® solutions hardware (Not CCH or WCH)
EDC-06P-NH	Environmental Distribution Center, holds 6 CCH connector panels	HDWR-GRND-KIT	Hardware Grounding Kit for LANscape solutions hardware
EDC-12P-NH	Environmental Distribution Center, holds 12 CCH connector panels	<b>Cassettes/Splice Trays</b>	
ICH-02P	Industrial Connector Housing, holds 2 CCH connector panels	CCH-CS	Cassette Splice, holds 1 CCH connector panel and up to 24 heat-shrink fusion splices
ICH-06P	Industrial Connector Housing, holds 6 CCH connector panels	CCH-CF	Termination Cassette, holds 1 CCH connector panel and up to 24 field terminations
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels	M67-048	Holds 12 heat-shrink fusion splices, for LANscape solutions splice closures
		M67-076	Holds 12 heat-shrink fusion splices, for LANscape solutions rack-mountable housings
		M67-110	Holds 12 heat-shrink fusion splices, for LANscape solutions wall-mountable housings

## Additional Products

2-Fiber Jumpers (3 m in length)		2-Fiber Jumper in a Box (Qty 70)		Consumables	
050502T5120003M	LC duplex to LC duplex	0505-ZP3-B70-03M	LC duplex to LC duplex, 3 m, qty of 70 jumpers per box	FCC-WIPES	Fiber Optic Wipes
575702T5120003M	SC duplex to SC duplex	5757-ZP3-B70-03M	SC duplex to SC duplex, 3 m, qty of 70 jumpers per box	FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
505002T5120003M	ST® compatible to ST compatible	5050-ZP3-B70-03M	ST compatible to ST compatible, 3 m, qty of 70 jumpers per box	CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
055702T5120003M	LC duplex to SC duplex	0557-ZP3-B70-03M	LC duplex to SC duplex, 3 m, qty of 70 jumpers per box	CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
505702T5120003M	ST compatible to SC duplex	5057-ZP3-B70-03M	ST compatible to SC duplex, 3 m, qty of 70 jumpers per box	HEAT SHRINKS 2806031-01	Fusion Splice Protectors, single-fiber, 60 mm long, Qty: 50
<b>Splice Closures</b>		<b>Fan-Out Kits</b>			
SCF-4C18-01-36	SCF Splice Closure, 36-splice capacity, trays included	FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, 6 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCF-6C22-01-72	SCF Splice Closure, 72-splice capacity, trays included	FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCG-8C18-01	Splice Closure Fiber (SCF) with gel-sealed end cap, 6-ports, 8-in diameter x 18-in length 144-splice capacity	FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, 6 fiber, 25-in legs <i>For use in all applications</i>		
<b>Test Equipment</b>		FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 fiber, 25-in legs <i>For use in all applications</i>		
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers				
VFL-350	Visual Fault Locator, 2.5 mm adapter				

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OM4 50 μm  
Multimode Fiber



# OM4 50 μm Multimode Fiber

## OM4 (50 μm Multimode Fiber)

### Cables

Indoor Cable							
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Non-Metallic)		MIC Interlocking Armored Cable (Metallic)		2.0 mm Zipcord Cable	
Riser	Plenum	Plenum		Riser	Plenum	Riser	Plenum
006T81-31190-24	006T88-31190-29	006T88-31190-D3		006T81-31190-A1	006T88-31190-A3	002T51-31390-24	002T58-31390-24
012T81-33190-24	012T88-33190-29	012T88-33190-D3		012T81-33190-A1	012T88-33190-A3		
024T81-33190-24	024T88-33190-29	024T88-33190-D3		024T81-33190-A1	024T88-33190-A3		

Indoor/Outdoor Cable						Outdoor Cable	
FREEDM® One Cable		FREEDM LST™ Cable		FREEDM Loose Tube Cable		ALOTOS® Cable with FastAccess® Technology	
Riser	Plenum	Riser	Plenum	Riser	Plenum	OSP	
024T8F-31190-29	024T8P-31190-29	024TSF-T4190D20	024TSP-T4190D20	024TUF-T4190D20	024TWP-T4190D20	024TU4-T4790D20	
048T8F-31190-29	048T8P-31190-29	048TSF-T4190D20	048TSP-T4190D20	048TUF-T4190D20	048TWP-T4190D20	048TU4-T4790D20	
072T8F-31190-29	072T8P-31190-29	072TSF-T4190D20	072TSP-T4190D20	072TUF-T4190D20	072TWP-T4190D20	072TU4-T4790D20	

### Panels/Cassettes

Standard Panels				Pigttailed Cassettes For CCH And WCH Fiber Optic Hardware			
Fiber Count	LC	SC Duplex	ST® Compatible	Fiber Count	LC	SC Duplex	ST Compatible
6 Fiber	CCH-CP06-E4	CCH-CP06-E7	CCH-CP06-H3	6 Fiber	*Available	*Available	*Available
12 Fiber	CCH-CP12-E4	CCH-CP12-E7	CCH-CP12-H3	12 Fiber	CCH-CS12-E4-P00QE	*Available	*Available
24 Fiber	CCH-CP24-E4	N/A	N/A	24 Fiber	CCH-CS24-E4-P00QE	N/A	N/A

\*Available with lead time. Refer to LAN-1129-EN.

### Hardware

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1 rack unit, accepts up to 2 CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2 rack units, accepts up to 4 CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3 rack units, accepts up to 6 CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4 rack units, accepts up to 12 CCH panels or cassettes

### Connectors

Termination	Performance	LC	SC	ST Compatible
UniCam® Connectors	High Performance (0.5 db Max)	95-050-99-X*	95-050-41-X*	95-050-51-X*
Anaerobic Connectors	Standard Performance	95-051-98-SP-X	95-051-41-SP-X	95-051-52-SP-X

\*Add "-Z" to UniCam connector part number for 25/pack Organizer Pack (i.e. 95-050-99-Z). Includes boots for 900 um only.


Tool Kits	
High-Performance UniCam	TKT-UNICAM-PFC
Standard-Performance Installation UniCam	TKT-UNICAM
Anaerobic Tool Kit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C

# OM4 (50 μm Multimode Fiber)

## Hardware

Wall-Mountable Hardware		Hardware Accessories	
SPH-01P	Single-Panel Housing, holds 1 CCH connector panel	SPH-DIN-KIT	DIN-Rail Mounting Kit for SPH
WCH-02P	Wall-Mountable Connector Housing, holds 2 CCH connector panels or cassettes	ICH-SPLC-2	Splice Tray Holder for ICH-02P
WCH-04P	Wall-Mountable Connector Housing, holds 4 CCH connector panels or cassettes	ICH-SPLC-6	Splice Tray Holder for ICH-06P
WCH-06P	Wall-Mountable Connector Housing, holds 6 CCH connector panels or cassettes	CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings ONLY
EDC-02P-NH	Environmental Distribution Center, holds 2 CCH connector panels	HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® solutions hardware (Not CCH or WCH)
EDC-06P-NH	Environmental Distribution Center, holds 6 CCH connector panels	HDWR-GRND-KIT	Hardware Grounding Kit for LANscape solutions hardware
EDC-12P-NH	Environmental Distribution Center, holds 12 CCH connector panels	<b>Cassettes/Splice Trays</b>	
ICH-02P	Industrial Connector Housing, holds 2 CCH connector panels	CCH-CS	Cassette Splice, holds 1 CCH connector panel and up to 24 heat-shrink fusion splices
ICH-06P	Industrial Connector Housing, holds 6 CCH connector panels	CCH-CF	Termination Cassette, holds 1 CCH connector panel and up to 24 field terminations
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels	M67-048	Holds 12 heat-shrink fusion splices, for LANscape solutions splice closures
		M67-076	Holds 12 heat-shrink fusion splices, for LANscape solutions rack-mountable housings
		M67-110	Holds 12 heat-shrink fusion splices, for LANscape solutions wall-mountable housings

## Additional Products

2-Fiber Jumpers (3 m in length)		2-Fiber Jumper in a Box (Qty 70)		Consumables	
050502Q5120003M	LC duplex to LC duplex	0505-ZP4-B70-03M	LC duplex to LC duplex, 3 m, qty of 70 jumpers per box	FCC-WIPES	Fiber Optic Wipes
575702Q5120003M	SC duplex to SC duplex	5757-ZP4-B70-03M	SC duplex to SC duplex, 3 m, qty of 70 jumpers per box	FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
505002Q5120003M	ST® compatible to ST compatible	5050-ZP4-B70-03M	ST compatible to ST compatible, 3 m, qty of 70 jumpers per box	CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
055702Q5120003M	LC duplex to SC duplex	0557-ZP4-B70-03M	LC duplex to SC duplex, 3 m, qty of 70 jumpers per box	CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
505702Q5120003M	ST compatible to SC duplex	5057-ZP4-B70-03M	ST compatible to SC duplex, 3 m, qty of 70 jumpers per box	HEAT SHRINKS 2806031-01	Fusion Splice Protectors, single-fiber, 60 mm long, Qty: 50
<b>Splice Closures</b>		<b>Fan-Out Kits</b>			
SCF-4C18-01-36	SCF Splice Closure, 36-splice capacity, trays included	FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, 6 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCF-6C22-01-72	SCF Splice Closure, 72-splice capacity, trays included	FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCG-8C18-01	Splice Closure Fiber (SCF) with gel-sealed end cap, 6-ports, 8-in diameter x 18-in length 144-splice capacity	FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, 6 fiber, 25-in legs <i>For use in all applications</i>		
<b>Test Equipment</b>		FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 fiber, 25-in legs <i>For use in all applications</i>		
CHECKPOINT PRO BIF	Checkpoint Pro for bend-insensitive, multimode, and single-mode fibers				
VFL-350	Visual Fault Locator, 2.5 mm adapter				

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OS2  
Single-Mode Fiber

## OS2 (Single-mode Fiber)

### Cables

Indoor Cable							
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Non-Metallic)		MIC Interlocking Armored Cable (Metallic)		2.0 mm Zipcord Cable	
Riser	Plenum	Plenum		Riser	Plenum	Riser	Plenum
006E81-31131-24	006E88-31131-29	006E88-31131-D3		006E81-31131-A1	006E88-31131-A3	002E51-31331-24	002E58-31331-24
012E81-33131-24	012E88-33131-29	012E88-33131-D3		012E81-33131-A1	012E88-33131-A3		
024E81-33131-24	024E88-33131-29	024E88-33131-D3		024E81-33131-A1	024E88-33131-A3		

Indoor/Outdoor Cable					
FREEDM® One Cable		FREEDM LST™ Cable		FREEDM Loose Tube Cable	
Riser	Plenum	Riser	Plenum	Riser	Plenum
024E8F-31131-29	024E8P-31131-29	024ESF-T4101D20	024ESP-T4101D20	024EUF-T4101D20	024EWP-T4101D20
048E8F-31131-29	048E8P-31131-29	048ESF-T4101D20	048ESP-T4101D20	048EUF-T4101D20	048EWP-T4101D20
072E8F-31131-29	072E8P-31131-29	072ESF-T4101D20	072ESP-T4101D20	072EUF-T4101D20	072EWP-T4101D20

Outdoor Cable	
ALTOS® Cable with FastAccess® Dielectric	ALTOS Lite™ Armored
006EU4-T4701D20	006EUC-T4101D20
012EU4-T4701D20	012EUC-T4101D20
024EU4-T4701D20	024EUC-T4101D20
048EU4-T4701D20	048EUC-T4101D20
072EU4-T4701D20	072EUC-T4101D20
144EU4-T4701D20	144EUC-T4101D20

### Panels/Cassettes

Standard Panels				Pigtails Cassettes For CCH And WCH Fiber Optic Hardware			
Fiber Count	LC	SC Duplex	ST® Compatible	Fiber Count	LC	SC Duplex	ST Compatible
6 Fiber	CCH-CP06-A9	CCH-CP06-59	CCH-CP06-19T	6 Fiber	*Available	*Available	*Available
12 Fiber	CCH-CP12-A9	CCH-CP12-59	CCH-CP12-19T	12 Fiber	CCH-CS12-A9-P00RE	CCH-CS12-59-P00RE	CCH-CS12-6T-P00RE
24 Fiber	CCH-CP24-A9	N/A	N/A	24 Fiber	CCH-CS24-A9-P00RE	N/A	N/A

\*Available with lead time. Refer to LAN-1129-EN.

### Hardware

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1 rack unit, accepts up to 2 CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2 rack units, accepts up to 4 CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3 rack units, accepts up to 6 CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4 rack units, accepts up to 12 CCH panels or cassettes

### Connectors

Termination	Performance	LC	SC	ST Compatible
UniCam® Connectors UPC	High Performance (0.5 db Max)	95-200-99*	95-200-41*	95-200-51*
UniCam Connectors APC	High Performance (0.5 db Max)	95-200-94*	95-200-44*	N/A
Anaerobic Connectors	Standard Performance	95-201-98-SP	95-201-41-SP	95-201-52-SP

\*Add "-Z" to UniCam connector part number for 25/pack Organizer Pack (i.e. 95-050-99-Z). Includes boots for 900 um only.

Tool Kits	
High-Performance UniCam	TKT-UNICAM-PFC
Standard-Performance Installation UniCam	TKT-UNICAM
Anaerobic Tool Kit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C



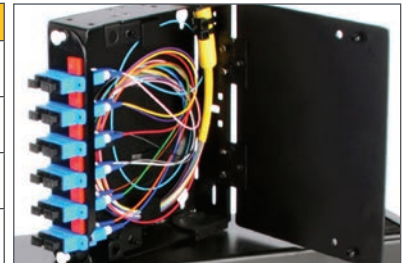
# OS2 (Single-mode Fiber)

## Hardware

Wall-Mountable Hardware		Hardware Accessories	
SPH-01P	Single-Panel Housing, holds 1 CCH connector panel	SPH-DIN-KIT	DIN-Rail Mounting Kit for SPH
WCH-02P	Wall-Mountable Connector Housing, holds 2 CCH connector panels or cassettes	ICH-SPLC-2	Splice Tray Holder for ICH-02P
WCH-04P	Wall-Mountable Connector Housing, holds 4 CCH connector panels or cassettes	ICH-SPLC-6	Splice Tray Holder for ICH-06P
WCH-06P	Wall-Mountable Connector Housing, holds 6 CCH connector panels or cassettes	CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings ONLY
EDC-02P-NH	Environmental Distribution Center, holds 2 CCH connector panels	HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® solutions hardware (Not CCH or WCH)
EDC-06P-NH	Environmental Distribution Center, holds 6 CCH connector panels	HDWR-GRND-KIT	Hardware Grounding Kit for LANscape solutions hardware
EDC-12P-NH	Environmental Distribution Center, holds 12 CCH connector panels	<b>Cassettes/Splice Trays</b>	
ICH-02P	Industrial Connector Housing, holds 2 CCH connector panels	CCH-CS	Cassette Splice, holds 1 CCH connector panel and up to 24 heat-shrink fusion splices
ICH-06P	Industrial Connector Housing, holds 6 CCH connector panels	CCH-CF	Termination Cassette, holds 1 CCH connector panel and up to 24 field terminations
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels	M67-048	Holds 12 heat-shrink fusion splices, for LANscape solutions splice closures
		M67-076	Holds 12 heat-shrink fusion splices, for LANscape solutions rack-mountable housings
		M67-110	Holds 12 heat-shrink fusion splices, for LANscape solutions wall-mountable housings

## Additional Products

2-Fiber Jumpers (3 m in length)		2-Fiber Jumper in a Box (Qty 70)		Consumables	
040402R5120003M	LC duplex to LC duplex	0404-ZP2-B70-03M	LC duplex to LC duplex, 3 m, qty of 70 jumpers per box	FCC-WIPES	Fiber Optic Wipes
727202R5120003M	SC duplex to SC duplex	7272-ZP2-B70-03M	SC duplex to SC duplex, 3 m, qty of 70 jumpers per box	FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
616102R5120003M	ST® compatible to ST compatible	6161-ZP2-B70-03M	ST compatible to ST compatible, 3 m, qty of 70 jumpers per box	CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
047202R5120003M	LC duplex to SC duplex	0472-ZP2-B70-03M	LC duplex to SC duplex, 3 m, qty of 70 jumpers per box	CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
617202R5120003M	ST compatible to SC duplex	6172-ZP2-B70-03M	ST compatible to SC duplex, 3 m, qty of 70 jumpers per box	HEAT SHRINKS 2806031-01	Fusion Splice Protectors, single-fiber, 60 mm long, Qty: 50
<b>Splice Closures</b>		<b>Fan-Out Kits</b>			
SCF-4C18-01-36	SCF Splice Closure, 36-splice capacity, trays included	FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, 6 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCF-6C22-01-72	SCF Splice Closure, 72-splice capacity, trays included	FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 fiber, 25-in legs <i>For use in temperature-controlled environments only</i>		
SCG-8C18-01	Splice Closure Fiber (SCF) with gel-sealed end cap, 6-ports, 8-in diameter x 18-in length 144-splice capacity	FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, 6 fiber, 25-in legs <i>For use in all applications</i>		
<b>Test Equipment</b>		FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 fiber, 25-in legs <i>For use in all applications</i>		
CHECKPOINT PRO	Fiber Traffic Identifier with indicator				
VFL-350	Visual Fault Locator, 2.5 mm adapter				



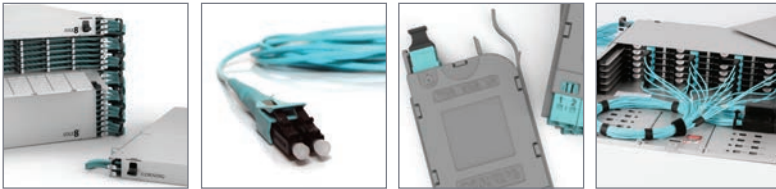
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## Transmission Performance/Insertion Loss

EDGE™ Solutions: OM3

50 μm multimode fiber

EDGE Solutions: OM4

50 μm multimode fiber

EDGE Solutions: OS2

Single-mode fiber

EDGE8™ Solutions: OM4

50 μm multimode fiber

EDGE8 Solutions: OS2

Single-mode fiber

## Transmission Performance/Insertion Loss

	OM3/OM4	OS2	Insertion Loss (dB) Max	OM3/OM4	OS2
Optical Fiber Type	50 µm Multimode	Single-Mode	Connected Mated Pairs LC	0.10 dB	0.5 dB
Wavelength	850 nm	1310/1550 nm	MTP® Connector	0.25 dB	1.0 dB
Maximum Attenuation	2.8 dB/km	0.4/0.3 dB/km	Modules/Harnesses	0.5 dB	1.0 dB
Minimum Effective Modal Bandwidth (EMB)	2000/4700 MHz•km	– / –	EDGE8™ Modules/Harnesses	0.35 dB	0.60 dB

Ethernet Data Rate	Nomenclature	Fiber Type	Maximum Link Length (m)
1G	1000BASE-SX	OM3	1000
10G	10GBASE-SR	OM3/OM4	300/400
40G	40GBASE-SR4	OM3/OM4	100/150
100G	100GBASE-SR10	OM3/OM4	100/150

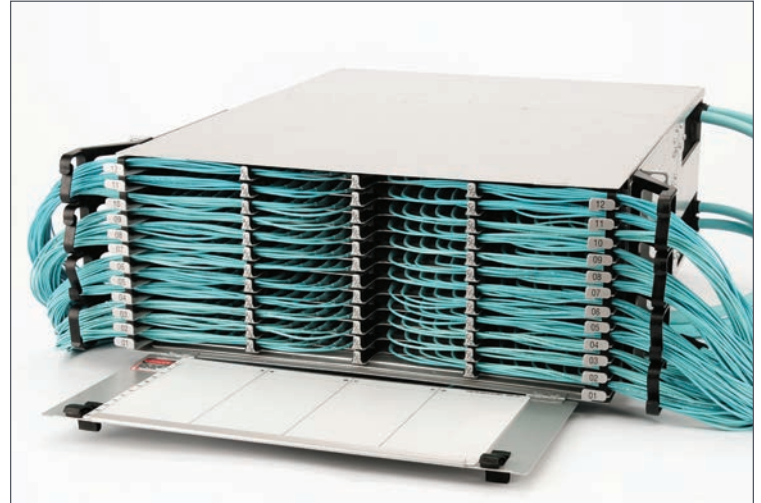
Fibre Channel Data Rate	Nomenclature	Fiber Type	Maximum Link Length (m)
4 Gb/s	400-M5E-SN-1	OM3	380
	400-M5F-SN-1	OM4	420
8 Gb/s	800-M5E-SN-1	OM3	150
	800-M5F-SN-1	OM4	190
16 Gb/s	1600-M5E-SN-1	OM3	100
	1600-M5F-SN-1	OM4	125
32 Gb/s	3200-SN-1	OM3	70
		OM4	100



## EDGE™ Solutions: OM3 (50 $\mu$ m Multimode Fiber)

### Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, MTP® (Non-Pinned) To MTP (Non-Pinned), Pulling Grip One Side	
Length (ft)	Catalog Part Number
12-Fiber	G757512TPNDDUxxxF
24-Fiber	G757524TPNDDUxxxF
48-Fiber	G757548TPNDDUxxxF
72-Fiber	G757572TPNDDUxxxF
96-Fiber	G757596TPNDDUxxxF
144-Fiber	G7575E4TPNDDUxxxF
192-Fiber	G7575K2TPNDDUxxxF
216-Fiber	G7575M6TPNDDUxxxF
288-Fiber	G7575U8TPNDDUxxxF
384-Fiber	G7575AETPNDDUxxxF
432-Fiber	G7575AKTPNDDUxxxF
576-Fiber	G7575AZTPNDDUxxxF



#### Notes:

- xxx = cable length of 005-999 ft
- 1-ft increments measured from furcation plug to furcation plug
- Lengths beyond 999 available

### Harnesses

7-ft Trunk Harnesses - Pinned	
H937912TPH-1Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM3, plenum stagger 1, 7 ft
H937912TPH-2Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM3, plenum stagger 2, 7 ft
H937912TPH-3Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM3, plenum stagger 3, 7 ft
H937912TPH-4Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM3, plenum 6-in uniform LC legs, 7 ft
10-ft Module Harnesses - Non-Pinned	
H757912TPH-1W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM3, plenum, stagger 1, 10 ft
H757912TPH-2W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM3, plenum, stagger 2, 10 ft
H757912TPH-3W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM3, plenum, stagger 3, 10 ft
H757912TPH-4W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM3, plenum 6-in uniform LC legs, 10 ft

Note: For polarity guidance, reference applications engineering note AEN156. For stagger selection, reference application engineering note AEN157.

Lead time in  $\leq$  8 business days

### Panels/Module

Panels	
EDGE-CP24-E3	24-fiber MTP Adapter Panel
EDGE-CP48-E3	48-fiber MTP Adapter Panel
Module	
ECM-UM12-05-93T	12-fiber LC Duplex to MTP (Pinned)

# EDGE™ Solutions: OM3 (50 μm Multimode Fiber)

## Hardware

Rack-Mountable Hardware	
EDGE-01U-SP	EDGE™ HD Housing, 1 rack unit, holds 12 modules or panels
EDGE-01U	EDGE HD Housing, 1 rack unit, holds 8 modules or panels
EDGE-02U	EDGE HD Housing, 2 rack units, holds 24 modules or panels
EDGE-04U	EDGE HD Housing, 4 rack units, holds 48 modules or panels

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2 rack units
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4 rack units
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2 rack units
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4 rack units

## Additional Products

Consumables	
2104466-01	MTP Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

## Jumpers

Reverse Polarity LC Uniboot To Reverse Polarity LC Uniboot	
Length (m)	Part Number
1	797902TD120001M
2	797902TD120002M
3	797902TD120003M
4	797902TD120004M
5	797902TD120005M

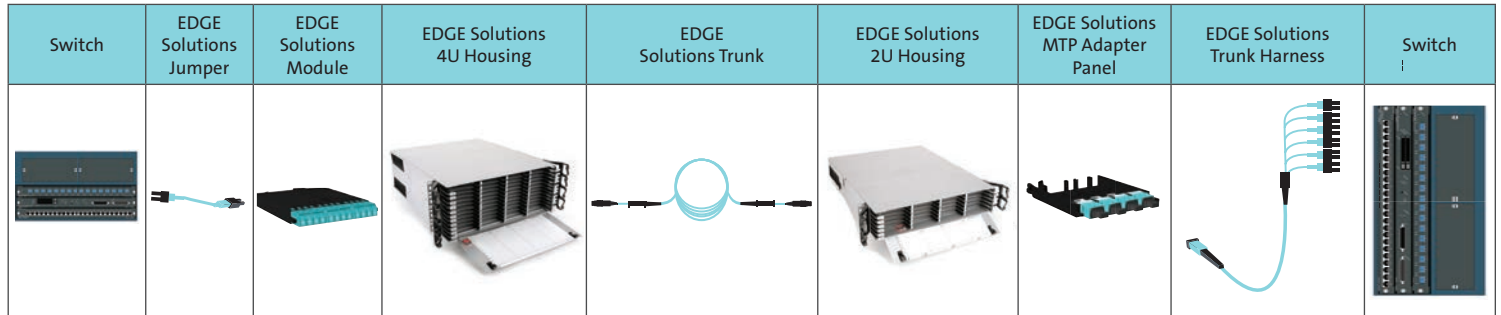
Jumper in a Box	
Length (m)	Part Number
1	7979-OM3-B70-01M
2	7979-OM3-B70-02M
3	7979-OM3-B70-03M
4	7979-OM3-B70-04M
5	7979-OM3-B70-05M

MTP® (Non-Pinned) to MTP (Non-Pinned) Jumper	
J757512TE8-NA007F	Type-A Jumper, 7-ft
J757512TE8-NB007F	Type-B Jumper, 7-ft
J757512TE8-NA010F	Type-A Jumper, 10-ft
J757512TE8-NB010F	Type-B Jumper, 10-ft

MTP (Non-Pinned) to MTP (Pinned) Jumper	
J759312TE8-NA007F	Type-A Jumper, 7-ft
J759312TE8-NB007F	Type-B Jumper, 7-ft
J759312TE8-NA010F	Type-A Jumper, 10-ft
J759312TE8-NB010F	Type-B Jumper, 10-ft

MTP (Pinned) to MTP (Pinned) Jumper	
J939312TE8-NA007F	Type-A Jumper, 7-ft
J939312TE8-NB007F	Type-B Jumper, 7-ft
J939312TE8-NA010F	Type-A Jumper, 10-ft
J939312TE8-NB010F	Type-B Jumper, 10-ft

## EDGE Solutions

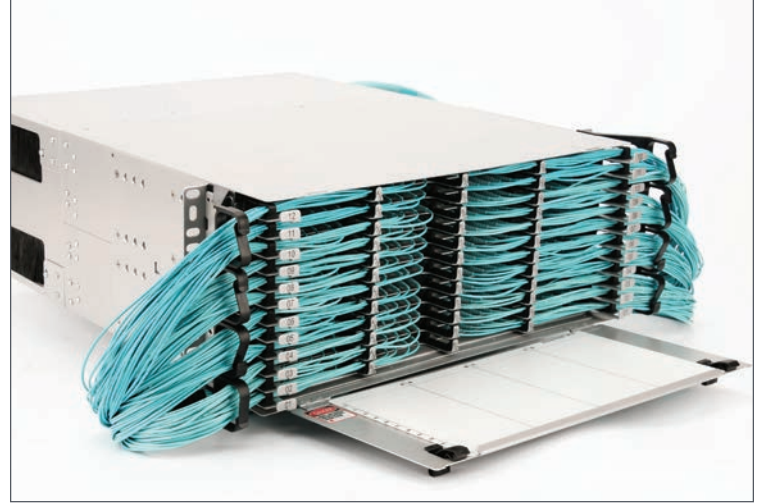


## OM4 50 $\mu$ m Multimode Fiber EDGE™ Solutions

### EDGE™ Solutions: OM4 (50 $\mu$ m Multimode Fiber)

#### Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, MTP® (Non-Pinned) To MTP (Non-Pinned), Pulling Grip One Side	
Length (ft)	Catalog Part Number
12-Fiber	G757512QPNDUxxxF
24-Fiber	G757512QPNDUxxxF
48-Fiber	G757512QPNDUxxxF
72-Fiber	G757512QPNDUxxxF
96-Fiber	G757512QPNDUxxxF
144-Fiber	G757512QPNDUxxxF
192-Fiber	G7575K2QPNDUxxxF
216-Fiber	G7575M6QPNDUxxxF
288-Fiber	G7575U8QPNDUxxxF
384-Fiber	G7575AEQPNDUxxxF
432-Fiber	G7575AKQPNDUxxxF
576-Fiber	G7575AZQPNDUxxxF



#### Notes:

- xxx = cable length of 005-999 ft
- 1-ft increments measured from furcation plug to furcation plug
- Lengths beyond 999 available

#### Harnesses

7-ft Trunk Harnesses - Pinned	
H937912QPH-1Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM4, plenum stagger 1, 7 ft
H937912QPH-2Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM4, plenum stagger 2, 7 ft
H937912QPH-3Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM4, plenum stagger 3, 7 ft
H937912QPH-4Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, OM4, plenum 6-in uniform LC legs, 7 ft

10-ft Module Harnesses - Non-Pinned	
H757912QPH-1W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM4, plenum stagger 1, 10 ft
H757912QPH-2W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM4, plenum stagger 2, 10 ft
H757912QPH-3W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM4, plenum stagger 3, 10 ft
H757912QPH-4W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, OM4, plenum 6-in uniform LC legs, 10 ft

Note: For polarity guidance, reference applications engineering note AEN156. For stagger selection, reference application engineering note AEN157.

Lead time in  $\leq$  8 business days

#### Panels/Module

Panels	
EDGE-CP24-E3	24-fiber MTP Adapter Panel
EDGE-CP48-E3	48-fiber MTP Adapter Panel

Module	
ECM-UM12-05-93Q	12-fiber LC Duplex to MTP (Pinned)
ECM-UM12-05-93Q-ULL	Ultra-Low-Loss 12-Fiber LC Duplex to MTP (Pinned)

# EDGE™ Solutions: OM4 (50 μm Multimode Fiber)

## Hardware

Rack-Mountable Hardware	
EDGE-01U-SP	EDGE™ HD Housing, 1 rack unit, holds 12 modules or panels
EDGE-01U	EDGE HD Housing, 1 rack unit, holds 8 modules or panels
EDGE-02U	EDGE HD Housing, 2 rack units, holds 24 modules or panels
EDGE-04U	EDGE HD Housing, 4 rack units, holds 48 modules or panels

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2 rack units
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4 rack units
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2 rack units
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4 rack units

## Additional Products

Consumables	
2104466-01	MTP Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

## Jumpers

Reverse Polarity LC Uniboot To Reverse Polarity LC Uniboot	
Length (m)	Part Number
1	797902QD120001M
2	797902QD120002M
3	797902QD120003M
4	797902QD120004M
5	797902QD120005M

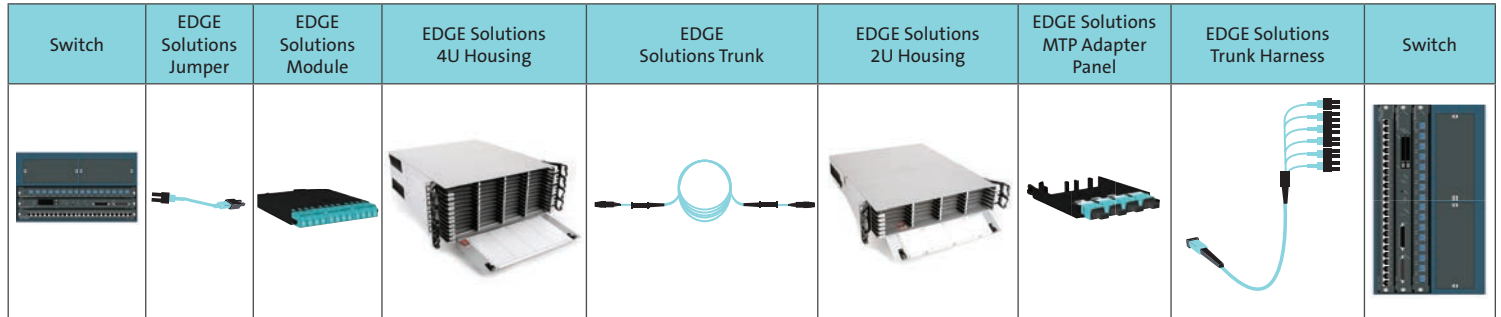
Jumper in a Box	
Length (m)	Part Number
1	7979-OM4-B70-01M
2	7979-OM4-B70-02M
3	7979-OM4-B70-03M
4	7979-OM4-B70-04M
5	7979-OM4-B70-05M

MTP® (Non-Pinned) to MTP (Non-Pinned) Jumper	
J757512QE8-NA007F	Type-A Jumper, 7-ft
J757512QE8-NB007F	Type-B Jumper, 7-ft
J757512QE8-NA010F	Type-A Jumper, 10-ft
J757512QE8-NB010F	Type-B Jumper, 10-ft

MTP (Non-Pinned) to MTP (Pinned) Jumper	
J759312QE8-NA007F	Type-A Jumper, 7-ft
J759312QE8-NB007F	Type-B Jumper, 7-ft
J759312QE8-NA010F	Type-A Jumper, 10-ft
J759312QE8-NB010F	Type-B Jumper, 10-ft

MTP (Pinned) to MTP (Pinned) Jumper	
J939312QE8-NA007F	Type-A Jumper, 7-ft
J939312QE8-NB007F	Type-B Jumper, 7-ft
J939312QE8-NA010F	Type-A Jumper, 10-ft
J939312QE8-NB010F	Type-B Jumper, 10-ft

## EDGE Solutions



## OS2 Single-Mode Fiber EDGE™ Solutions

### EDGE™ Solutions: OS2 (Single-mode Fiber)

#### Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, MTP® (Non-Pinned) To MTP (Non-Pinned), Pulling Grip One Side	
Length (ft)	Catalog Part Number
12-Fiber	G909012GPNDUxxxF
24-Fiber	G909024GPNDUxxxF
48-Fiber	G909048GPNDUxxxF
72-Fiber	G909072GPNDUxxxF
96-Fiber	G909096GPNDUxxxF
144-Fiber	G9090E4GPNDUxxxF
192-Fiber	G9090K2GPNDUxxxF
216-Fiber	G9090M6GPNDUxxxF
288-Fiber	G9090U8GPNDUxxxF
384-Fiber	G9090AEGPNDUxxxF
432-Fiber	G909AKGPNDUxxxF
576-Fiber	G9090AZGPNDUxxxF



#### Notes:

- xxx = cable length of 005-999 ft
- 1-ft increments measured from furcation plug to furcation plug
- Lengths beyond 999 available

#### Harnesses

7-ft Trunk Harnesses - Pinned	
H897812GPH-1Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, single-mode, plenum stagger 1, 7 ft
H897812GPH-2Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, single-mode, plenum stagger 2, 7 ft
H897812GPH-3Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, single-mode, plenum stagger 3, 7 ft
H897812GPH-4Z007F	EDGE Trunk Harness, pinned MTP to LC uniboot, single-mode, plenum 6-in uniform LC legs, 7 ft
10-ft Module Harnesses - Non-Pinned	
H907812GPH-1W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, single-mode, plenum stagger 1, 10 ft
H907812GPH-2W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, single-mode, plenum stagger 2, 10 ft
H907812GPH-3W010F	EDGE Module Harness, non-pinned MTP to LC uniboot, single-mode, plenum stagger 3, 10 ft
H907812GPH-4W010F	EDGE Module Harness, pinned MTP to LC uniboot, single-mode, plenum 6-in uniform LC legs, 10 ft

Note: For polarity guidance, reference applications engineering note AEN156. For stagger selection, reference application engineering note AEN157.

Lead time in  $\leq$  8 business days

#### Jumpers

Reverse Polarity LC Uniboot To Reverse Polarity LC Uniboot	
Length (m)	Part Number
1	787802GD120001M
2	787802GD120002M
3	787802GD120003M
4	787802GD120004M
5	787802GD120005M

Jumper in a Box	
Length (m)	Part Number
1	7878-OS2-B70-01M
2	7878-OS2-B70-02M
3	7878-OS2-B70-03M
4	7878-OS2-B70-04M
5	7878-OS2-B70-05M

MTP (Non-Pinned) to MTP (Non-Pinned) Jumper	
J909012GE8-NA007F	Type-A Jumper, 7-ft
J909012GE8-NB007F	Type-B Jumper, 7-ft
J909012GE8-NA010F	Type-A Jumper, 10-ft
J909012GE8-NB010F	Type-B Jumper, 10-ft

MTP (Non-Pinned) to MTP (Pinned) Jumper	
J908912GE8-NA007F	Type-A Jumper, 7-ft
J908912GE8-NB007F	Type-B Jumper, 7-ft
J908912GE8-NA010F	Type-A Jumper, 10-ft
J908912GE8-NB010F	Type-B Jumper, 10-ft

MTP (Pinned) to MTP (Pinned) Jumper	
J898912GE8-NA007F	Type-A Jumper, 7-ft
J898912GE8-NB007F	Type-B Jumper, 7-ft
J898912GE8-NA010F	Type-A Jumper, 10-ft
J898912GE8-NB010F	Type-B Jumper, 10-ft

#### Panels/Module

Panels	
EDGE-CP24-90	24-fiber MTP Adapter Panel
EDGE-CP48-90	48-fiber MTP Adapter Panel

Module	
ECM-UM12-04-89G	12-fiber LC Duplex to MTP (Pinned)



# EDGE™ Solutions: OS2 (Single-mode Fiber)

## Hardware

Rack-Mountable Hardware	
EDGE-01U-SP	EDGE™ HD Housing, 1 rack unit, holds 12 modules or panels
EDGE-01U	EDGE HD Housing, 1 rack unit, holds 8 modules or panels
EDGE-02U	EDGE HD Housing, 2 rack units, holds 24 modules or panels
EDGE-04U	EDGE HD Housing, 4 rack units, holds 48 modules or panels








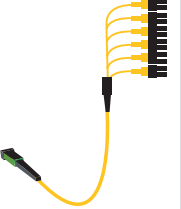

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2 rack units
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4 rack units
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2 rack units
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4 rack units

## Additional Products

Consumables	
2104466-01	MTP® Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and Keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

## EDGE Solutions

Switch	EDGE Solutions Jumper	EDGE Solutions Module	EDGE Solutions 4U Housing	EDGE Solutions Trunk	EDGE Solutions 2U Housing	EDGE Solutions MTP Adapter Panel	EDGE Solutions Trunk Harness	Switch
								



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OM4 50 µm Multimode Fiber  
EDGE8™ Solutions

## EDGE8™ Solutions: OM4 (50 $\mu$ m Multimode Fiber)

### Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, MTP® (Non-Pinned) To MTP (Non-Pinned), Pulling Grip One Side	
Length (ft)	Catalog Part Number
12-Fiber	GE5E508QPNDUxxxF
24-Fiber	GE5E516QPNDUxxxF
48-Fiber	GE5E524QPNDUxxxF
72-Fiber	GE5E532QPNDUxxxF
96-Fiber	GE5E548QPNDUxxxF
144-Fiber	GE5E572QPNDUxxxF



**Notes:**

- xxx = cable length of 005-999 ft
- 1-ft increments measured from furcation plug to furcation plug
- Lengths beyond 999 available

### Harnesses

10-ft Harnesses - Pinned	
HE57908QPH-JB010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 12-in uniform Legs
HE57908QPH-KB010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 24-in uniform Legs
HE57908QPH-4B010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, stagger 4
10-ft Harnesses - Non-Pinned	
HE67908QPH-JA010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type A, 12-in uniform legs
HE67908QPH-JB010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 12-in uniform legs
HE67908QPH-KA010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, 24-in uniform legs
HE67908QPH-KB010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 24-in uniform legs
HE67908QPH-4A010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, stagger 5

Note: Refer to AEN-157 for detailed information regarding harness types and staggers.

Lead time in  $\leq$ 8 business days

### Panels/Module

Panels	
EDGE8-CP24-V3	24-fiber MTP Adapter Panel
EDGE8-CP32-V3	32-Fiber MTP Adapter Panel
Module	
ECM8-UM08-05-E6Q-ULL	8-fiber LC Duplex to MTP (Pinned)
Port Breakout Module	
ECM8-05E5-QE8B-010F	MTP (Pinned) to LC Duplex, plenum, type-B, 10-ft
ECM8-05E6-QE8A-010F	MTP (Non-Pinned) to LC Duplex, plenum, type-A, 10-ft
ECM8-05E6-QE8B-010F	MTP (Non-Pinned) to LC Duplex, plenum, type-B, 10-ft

# EDGE8™ Solutions: OM4 (50 μm Multimode Fiber)

## Hardware

Rack-Mountable Hardware	
EDGE8-01U-SP	EDGE8™ HD Housing, 1 rack unit, holds 18 modules or panels
EDGE8-01U	EDGE8 HD Housing, 1 rack unit, holds 12 modules or panels
EDGE8-02U	EDGE8 HD Housing, 2 rack units, holds 36 modules or panels
EDGE8-04U	EDGE8 HD Housing, 4 rack units, holds 72 modules or panels
EDGE8-TRAY-QTY1	EDGE8 6-Slot Tray Kit, No Label, Qty 1
EDGE8-TRAY-QTY12	EDGE8 6-Slot Tray Kit, No Label, Qty 12

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE™ Housing Mounting Bracket for wire tray, 2 rack units
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4 rack units
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2 rack units
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4 rack units

## Additional Products

Consumables	
2104466-01	MTP® Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

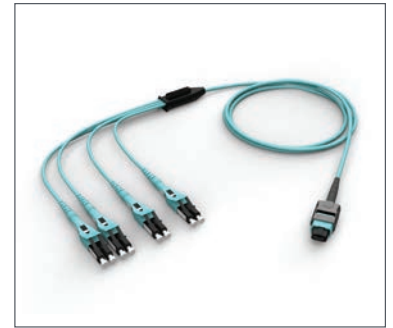
Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

## Jumpers

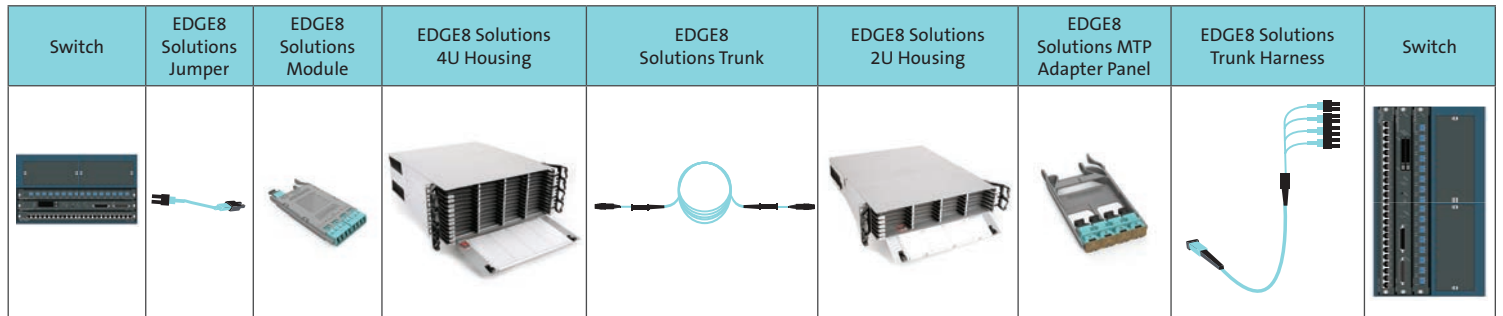
Reverse Polarity LC Uniboot To Reverse Polarity LC Uniboot	
Length (m)	Part Number
1	797902QD120001M
2	797902QD120002M
3	797902QD120003M
4	797902QD120004M
5	797902QD120005M

Jumper in a Box	
Length (m)	Part Number
1	7979-OM4-B70-01M
2	7979-OM4-B70-02M
3	7979-OM4-B70-03M
4	7979-OM4-B70-04M
5	7979-OM4-B70-05M

MTP (Non-Pinned) to MTP (Non-Pinned) Jumper	
JE6E608QE8-NA007F	Type-A Jumper, 7-ft
JE6E608QE8-NB007F	Type-B Jumper, 7-ft
JE6E608QE8-NA010F	Type-A Jumper, 10-ft
JE6E608QE8-NB010F	Type-B Jumper, 10-ft



## EDGE Solutions



## OS2 Single-Mode Fiber EDGE8™ Solutions

### EDGE8™ Solutions: OS2 (Single-mode Fiber)

#### Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, MTP® (Non-Pinned) To MTP (Non-Pinned), Pulling Grip One Side	
Length (ft)	Catalog Part Number
12-Fiber	GE7E708GPNDUxxxF
24-Fiber	GE7E716GPNDUxxxF
48-Fiber	GE7E724GPNDUxxxF
72-Fiber	GE7E732GPNDUxxxF
96-Fiber	GE7E748GPNDUxxxF
144-Fiber	GE7E772GPNDUxxxF



**Notes:**

- xxx = cable length of 005-999 ft
- 1-ft increments measured from furcation plug to furcation plug
- Lengths beyond 999 available

#### Jumpers

Reverse Polarity LC Uniboot To Reverse Polarity LC Uniboot	
Length (m)	Part Number
1	787802GD120001M
2	787802GD120002M
3	787802GD120003M
4	787802GD120004M
5	787802GD120005M

Jumper in a Box	
Length (m)	Part Number
1	7878-OS2-B70-01M
2	7878-OS2-B70-02M
3	7878-OS2-B70-03M
4	7878-OS2-B70-04M
5	7878-OS2-B70-05M

MTP (Non-Pinned) to MTP (Non-Pinned) Jumper	
JE8E808GE8-NA007F	Type-A Jumper, 7-ft
JE8E808GE8-NB007F	Type-B Jumper, 7-ft
JE8E808GE8-NA010F	Type-A Jumper, 10-ft
JE8E808GE8-NB010F	Type-B Jumper, 10-ft

#### Panels/Module

Panels	
EDGE8-CP24-V1	24-fiber MTP Adapter Panel
EDGE8-CP24-V3	32-fiber MTP Adapter Panel

Module	
ECM8-UM08-04-E8G-ULL	12-fiber LC Duplex to MTP (Pinned)

Port Breakout Module	
ECM8-04E7-GE8B-010F	MTP (Pinned) to LC Duplex, plenum, type-B, 10-ft
ECM8-04E8-GE8A-010F	MTP (Non-Pinned) to LC Duplex, plenum, type-A, 10-ft
ECM8-04E8-GE8B-010F	MTP (Non-Pinned) to LC Duplex, plenum, type-B, 10-ft

#### Harnesses

10-ft Harnesses - Pinned	
HE77808GPH-JA010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, 12-in uniform LC Legs
HE77808GPH-JB010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 12-in uniform LC Legs
HE77808GPH-KA010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, 24-in uniform LC Legs
HE77808GPH-KB010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 24-in uniform LC Legs
HE77808GPH-4A010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, stagger 4
HE77808GPH-4B010F	MTP (Pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, stagger 4

10-ft Harnesses - Non-Pinned	
HE87808GPH-JA010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, 12-in uniform LC Legs
HE87808GPH-JB010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 12-in uniform LC Legs
HE87808GPH-KA010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, 24-in uniform LC Legs
HE87808GPH-KB010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, 24-in uniform LC Legs
HE87808GPH-4A010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-A, stagger 4
HE87808GPH-4B010F	MTP (Non-pinned) to Reverse Polarity LC Duplex Uniboot, plenum, type-B, stagger 4

*Note: Refer to AEN-157 for detailed information regarding harness types and staggers.*

**Lead time in ≤ 8 business days**



# EDGE8™ Solutions: OS2 (Single-mode Fiber)

## Hardware

Rack-Mountable Hardware	
EDGE8-01U-SP	EDGE8™ HD Housing, 1 rack unit, holds 18 modules or panels
EDGE8-01U	EDGE8 HD Housing, 1 rack unit, holds 12 modules or panels
EDGE8-02U	EDGE8 HD Housing, 2 rack units, holds 36 modules or panels
EDGE8-04U	EDGE8 HD Housing, 4 rack units, holds 72 modules or panels
EDGE8-TRAY-QTY1	EDGE8 6-Slot Tray Kit, no label, Qty 1
EDGE8-TRAY-QTY12	EDGE8 6-Slot Tray Kit, no label, Qty 12








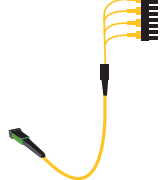

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2 rack units
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4 rack units
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2 rack units
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4 rack units

## Additional Products

Consumables	
2104466-01	MTP® Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

## EDGE8 Solutions

Switch	EDGE8 Solutions Jumper	EDGE8 Solutions Module	EDGE8 Solutions 4U Housing	EDGE8 Solutions Trunk	EDGE8 Solutions 2U Housing	EDGE8 Solutions MTP Adapter Panel	EDGE8 Solutions Trunk Harness	Switch
								



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Core Products for  
Programs, Tools, and Resources



Core Products for  
Programs, Tools, and Resources

# Programs, Tools, and Resources

Corning's customers value our innovative products, but they rely on our programs, tools, and resources equally as much. From fiber optic training to troubleshooting to assistance with system deployment, Corning is there each step of the way to provide support.



Check out our programs page for more information.  
[www.corning.com/loyalty-programs](http://www.corning.com/loyalty-programs)

See the Light® Fiber Optic Training  
Member Programs  
Technology Alliances  
Engineering and Project Services  
Tools and Resources

# 2016 See the Light® Fiber Optic Training

We are proud to provide quality real-world training on the latest products and applications. See the Light® fiber optic training includes webinars, seminars, and certified training by our industry experts. Whether you need formal fiber optic training or are looking to grow your knowledge base, See the Light training offers something for everyone and every schedule.

## Webinars

These one-hour live and on-demand learning experiences combine a mix of solutions, product discussions, and demonstrations. Custom webinars are available upon request based on resource availability. Contact your local sales or customer care representative for more information.

## Seminars

These three-to-six-hour trainings are available in a city near you. Our seminars offer a variety of topics on the latest technology and applications. In addition to classroom lecture-style training, students work hands-on with equipment and materials ideal for installation, termination, troubleshooting, and system design. Continuing education credits are available.

## Certified Training

These integrated two-to-three-day trainings meet the needs of designers, installers, and end users of fiber optic products. Our multiday courses have been approved by industry-recognized associations such as BICSI, FOA, and ETA and include hands-on installation and design classes for local area networks, installation, testing, and design. Continuing education credits and certifications are available.



To find out more about upcoming events and on-demand learning opportunities, visit [www.corning.com/opcomm/STL](http://www.corning.com/opcomm/STL) or email us at [stlinfo@corning.com](mailto:stlinfo@corning.com).



# 2016 Member Programs



## Elite Advantage Program

The Elite Advantage program provides architects, consultants, and engineers with the tools, training, and resources for their evolving business needs. Members have direct access to Corning's Engineering Services experts for design/technical support and access to our network of experienced integrators, installers, and distributors. Be Informed. Be Connected. Be Elite.

[www.corning.com/opcomm/eliteadvantage](http://www.corning.com/opcomm/eliteadvantage)



## Network of Preferred Installers

The LANscape® Network of Preferred Installers (NPI) enables installers to tap into an extended ecosystem of beneficial connections. Our groundbreaking network-style program offers a complete tip-to-tip solution by offering Corning innovative product lines, leveraging valuable relationships throughout the fiber optic industry, and presenting a LANscape solutions extended warranty to end users. [www.corning.com/npi](http://www.corning.com/npi)



## Fiber IQ

The Fiber IQ® program provides a direct line of communication between Corning and industry-leading fiber optics trainers. The program is designed to keep instructors informed of Corning's latest innovations and product releases, and provide members with the most current fiber training materials. [www.corning.com/opcomm/fiberiq](http://www.corning.com/opcomm/fiberiq)





# Technology Alliance

Corning is committed to redefining innovation in local area networks and in the data center. This never-ending drive to solve customer problems ensures that we work closely with technology allies to develop leading solutions for today and beyond.

## About Chatsworth Products, Inc.

Chatsworth Products, Inc. is a global manufacturer providing voice, data, and security products and service solutions that manage technology equipment. CPI products offer innovation, configurability, quality, and value with a breadth of integrated system components.

Unequaled customer service and technical support, as well as a global network of industry-leading distributors, CPI is dedicated to delivering products and services designed to meet customer needs.

CPI supports Corning's fiber optic technology and is committed to joint efforts that ensure future compatibility.

Headquartered in the U.S., CPI operates global offices within the U.S., Mexico, Canada, China, and the United Kingdom. For more information, visit [www.chatsworth.com](http://www.chatsworth.com).

## Fluke Networks

Corning and Fluke Networks work together to enhance the performance and reliability of enterprise fiber optic networks, developing solutions for tomorrow's data center technologies today.

Fluke Networks provides tools and support so network installers and maintainers maximize the performance of their Corning networks while minimizing downtime. Fluke Networks solutions can certify the installation of Corning systems as well as troubleshoot problems that can result from improper installation, contamination, or misuse.

Based in Everett, Washington, Fluke Networks distributes products in more than 50 countries. For more information, visit [www.FlukeNetworks.com](http://www.FlukeNetworks.com).



# Engineering and Project Services

## More Than Just Products

Corning believes it takes more than products to build a reliable network. It's comprehensive pre-and-post-sale global service.

## Engineering Services

### Cost-Effective, Total Quality Results

Our engineering professionals are highly educated, field experienced, and equipped to meet customers' requirements at any phase of a project. Corning's engineering team consists of System Engineers, Application Engineers, and Field Engineers. Our engineering professionals also offer design and training services, technical assistance, and customer support resources.

## Project Services

Leveraging over 20 years of experience innovating and manufacturing passive optical products, Corning Optical Communications is in an ideal position to help our customers design, install, and test their evolving networks. Corning assigns a dedicated project manager to each project to ensure that customers receive the highest level of quality.



Visit Corning's Engineering and Project Services pages for more information.

[www.corning.com/network-design-services](http://www.corning.com/network-design-services) and  
[www.corning.com/project-services](http://www.corning.com/project-services)





# Tools and Resources

LANscape® Solutions Bill-of-Materials (BOM) Tool for Local Area Networks and Data Centers  
<http://opcomm.corning.com/1-ENBOMTOOL.html>

Drawing Tool  
<http://opcomm.corning.com/CorningDrawingDatabase.html>

On-Demand Installation Videos  
[www.corning.com/opcomm/videos](http://www.corning.com/opcomm/videos)

Corning YouTube Channel  
[www.corning.com/opcomm/youtube](http://www.corning.com/opcomm/youtube)

Video Tool  
<http://opcomm.corning.com/EnterpriseVideoDatabaseTool.html>

Training and Webinars  
[www.corning.com/opcomm/training](http://www.corning.com/opcomm/training)

Online Resource Library  
[www.corning.com/resource-library](http://www.corning.com/resource-library)

Request for Quote  
**800-743-2675 (U.S. and Canada)**  
**+1-828-901-5000 (International)**

Order Tracker  
<https://ordertracker.corning.com>

Spanish-Language Programs, Resources, and Tools  
[www.corning.com/opcomm/pge.aspx](http://www.corning.com/opcomm/pge.aspx)

Technical Services  
**800-743-2673**

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