EDGE8® Hybrid Trunk 24F, 50 µm multimode (OM4), 100 ft

Part Number:
GE57924QPNDLW100F

The EDGE8® Hybrid MTP® to LC duplex uniboot trunks combine pinned MTP connectors that connect to EDGE8 modules, and duplex uniboot LC connectors that connect directly to the electronics enabling more options for the cabling of data centers.

Features and Benefits

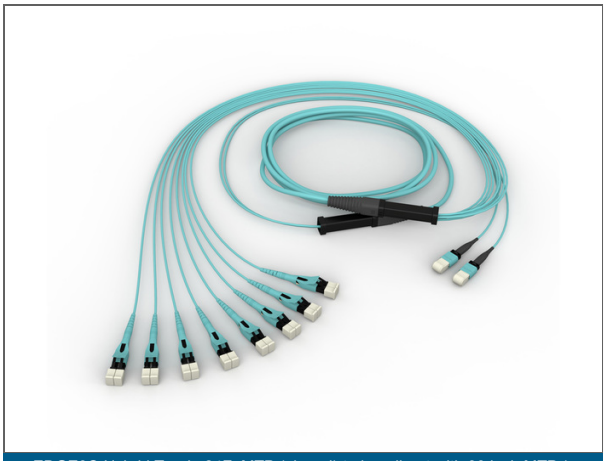
Snap-in strain-relief clips
Provide easier cable management

Small outer diameter
Improves cable tray fill ratio and allows for imported airflow

Low-loss connectivity
Enables system design flexibility

Bend-improved fiber
Allows tighter cable bends for slack storage and routing, less risk of downtime due to pinched or bent cables

Corning® CleanAdvantage™ technology and optimized dust cap
Eliminates the need for scoping and cleaning prior to initial field connection



EDGE8® Hybrid Trunk, 24F, MTP (pinned) to lc-uniboot with 33 inch MTP / 36 inch LC legs, 50 µm multimode (OM4), Universal Hybrid polarity, pulling grip on one end, 100 ft

EDGE8® Hybrid Trunk 24F, 50 µm multimode (OM4), 100 ft

Specifications

General Specifications	
Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4)
Cable Assembly Type	EDGE8® Trunk
Environment	Indoor
Cable Type	Indoor: ANSI/ICEA S-83-596
Pulling grip	Yes
Connector Assembly Type	MTP to LC

Standards	
Fiber Standards	IEC 60793-2-10 for A1a class 50/125 multimode fibers; TIA/EIA 492AAAD (OM4); ITU-T Recommendation G.651; ISO/IEC 11801 Ed.2.2 Grade OM4
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	NFPA 262, National Electrical Code® (NEC®), OFNP, CSA FT-6

Environmental Conditions	
Temperature Range, Installation	-5 °C to 50 °C (23 °F to 122 °F)
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)

Design	
Fiber Count	24
Polarity	Universal hybrid
Fiber Type	Multimode

Mechanical Specifications	
Nominal Outer Diameter	7 mm (0.28 in)

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Mechanical Specifications	
Min. Bend Radius Installation	105 mm (4.13 in)
Min. Bend Radius Operation	35 mm (1.38 in)
Weight	42.1 kg/km (28.29 lb/1000 ft)

Optical Characteristics	
Fiber Code	T
Performance Option Code	90
Fiber Category	OM4
Fiber Type	Multimode
Fiber Name	50 µm MM (OM4)
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm
Fiber Compliance	IEC 60793-2-10
Fiber Core Diameter	50 µm
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km

Specifications - Connector A	
Insertion Loss, Max.	0.25 dB
Boot Color	Black
Connector Type	MTP® (pinned)
Ferrule Material	Composite
Reflectance	< -20 dB

Specifications - Connector B	
Insertion Loss, Max.	0.15 dB

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Specifications - Connector B	
Boot Color	Aqua
Connector Type	LC Uniboot
Ferrule Material	Ceramic
Reflectance	< -20 dB

Pulling Grip - Connector A	
Pulling grip	Yes
Tensile Strength	440 N (98.92 lbf)
Grip Outer Diameter	38 mm (1.5 in)

Dimensions	
Length	100 ft -0 / +0.61m
Cable Weight	42.1 kg/km (28.29 lb/1000 ft)

Ordering Information	
Product Number	GE57924QPNDLW100F
Packaging Method	Plastic reel
Units per Delivery	1/1

Furcation - Connector A	
Leg Length	840 mm -0 / +76mm (33.07 in -0 / +2.99in)
Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Aqua
Leg Diameter	2 mm (0.08 in)
Leg Count	3

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Furcation - Connector B	
Furcation Type	Size 1
Leg Diameter	2 mm (0.08 in)
Leg Length	914 mm (35.98 in)

Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm