

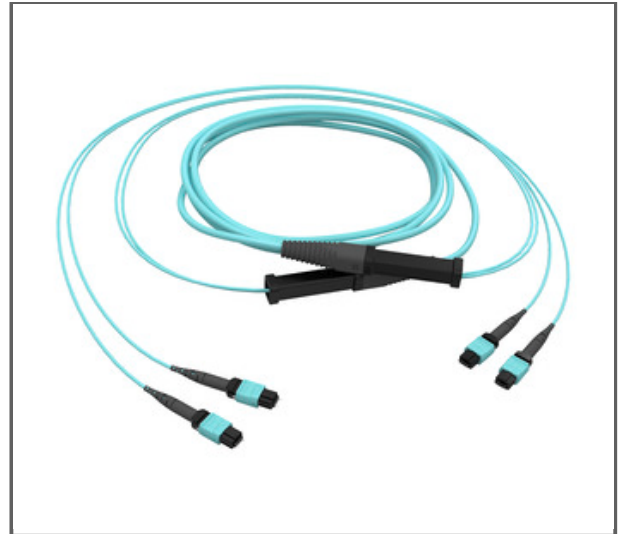
EDGE8® MTP® Trunk Cable 50 µm multimode (OM4), 8F MTP (pinned) Connector to 8F MTP (pinned) Connector, 16F, with 33 in legs, pulling grip one side, 100 ft

CORNING

Part Number:

GE5E516QLZDDU030M

EDGE8® trunks utilize an 8-fiber push/pull optical connector that is pinned on both ends of the cable. The trunks are shipped with strain-relief clips that allow for tool-less installation in EDGE8® housings. The grip can be pulled using up to 100 lbs of pulling tension while providing complete protection for the connectors. All trunks greater than 75 ft are packaged on a plastic corrugated reel for easy installation.



Features and Benefits

Snap-in strain-relief clips

Provide easier cable management

Small outer diameter

Improves the cable tray fill ratio and allows for improved 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® MTP® Trunk Cable 50 µm multimode (OM4), 8F MTP (pinned) Connector to 8F MTP (pinned) Connector, 16F, with 33 in legs, pulling grip one side, 100 ft



Specifications

Pulling Grip - Connector B

Pulling Grip	No
--------------	----

Furcation - Connector A

Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Aqua
Leg Diameter	2 mm
Leg Count	2
Plug Height	14.7 mm
Plug Width	14.7 mm
Plug Depth	108.6 mm
Leg Length	840 mm -0 / +76mm

Furcation - Connector B

Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Aqua
Leg Diameter	2 mm
Leg Count	2
Leg Length	840 mm -0 / +76mm

Environmental Conditions

Temperature Range, Operation	-10 °C - 60 °C (14 °F - 140 °F)
------------------------------	---------------------------------

EDGE8® MTP® Trunk Cable 50 µm multimode (OM4), 8F MTP (pinned) Connector to 8F MTP (pinned) Connector, 16F, with 33 in legs, pulling grip one side, 100 ft



Specifications - Connector B

Insertion Loss, Max. 0.35 dB

Note: *IL in preconnectorized products is measured in the factory through two mated pairs.

Boot Color Black

Connector Type MTP® (pinned)

Ferrule Material Composite

Reflectance ≤ -20 dB

Dimensions

Length 30 m

Mechanical Specifications

Nominal Outer Diameter 7.7 mm \pm 0.3mm

Design

Fiber Count 16

Outer Jacket Color Aqua

Polarity Extender, TIA-568 Type-A

Specifications - Connector A

Insertion Loss, Max. 0.35 dB

Note: *IL in preconnectorized products is measured in the factory through two mated pairs.

Boot Color Black

EDGE8® MTP® Trunk Cable 50 µm multimode (OM4), 8F MTP (pinned) Connector to 8F MTP (pinned) Connector, 16F, with 33 in legs, pulling grip one side, 100 ft



Specifications - Connector A

Connector Type	MTP® (pinned)
----------------	---------------

Ferrule Material	Composite
------------------	-----------

Reflectance	≤ -20 dB
-------------	----------

Pulling Grip - Connector A

Pulling Grip	Yes
--------------	-----

Tensile Strength	440 N
------------------	-------

Min. Duct Size Diameter	64 mm
-------------------------	-------

Ordering Information

Packing Type	Plastic reel
--------------	--------------

Packing contents	2x EDGE™ clips size 1 single stack, 2x EDGE clips size 1 double stack, 2x EDGE U-clips size 1, a printed test report and SRP
------------------	--

General Specifications

Cable Assembly Type	EDGE8® Trunk
---------------------	--------------

Application	Data Center LAN/SAN
-------------	---------------------

Cable Type	Indoor: ANSI/ICEA S-83-596
------------	----------------------------

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
------	---

EDGE8® MTP® Trunk Cable 50 µm multimode (OM4), 8F MTP (pinned) Connector to 8F MTP (pinned) Connector, 16F, with 33 in legs, pulling grip one side, 100 ft



Optical Characteristics

Fiber Code	T
Fiber Name	G50/125 ULTRA-BEND 7.5
Fiber Type	Multimode
Fiber Core Diameter	50 µm
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km
Serial 1 Gigabit Ethernet	1100 MHz*km / 600 MHz*km
Serial 10 Gigabit Ethernet	550 MHz*km / -
Typical Attenuation	2.4 / 0.8
Wavelengths	850 nm / 1300 nm
Fiber Category	OM4



Corning Optical Communications GmbH & Co. KG • Lelpziger Strasse 121 • 10117 Berlin, Germany
+00 800 2675 4641 • FAX: +49 30 5303 2335 • www.corning.com/opcomm/emea