

EDGE8® MTP® Trunk Cable 50 µm multimode (OM4), 8F MTP (pinned) Connector to 8F MTP (pinned) Connector, 8F, with 840 mm legs, no pulling grip, 30 m

CORNING

Part Number:
ZE5E508QLZDDU030M

EDGE8™ trunks utilize an 8-fibre 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 fibre

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

Corning® CleanAdvantage™ technology and optimised dust cap

Eliminates the need for scoping and cleaning prior to initial field connection

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Specifications

Pulling grip - Connector B

Typical Force to Engage / Disengage FD	No
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Furcation - Connector A

Furcation type	EDGE™ size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg colour	Turquoise
Leg diameter	2 mm
Leg count	1
Plug Height	14.7 mm
Plug Width	14.7 mm
Plug Depth	108.6 mm
Leg Length	840 mm

Furcation - Connector B

Furcation type	EDGE™ size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg colour	Turquoise
Leg diameter	2 mm
Leg count	1
Leg Length	840 mm

Environmental Conditions

Temperature range, operation	-10 °C to 60 °C
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Specifications - Connector B

Insertion loss, max.	0.35 dB
Boot colour	Black

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Specifications - Connector B

Connector type	MTP® (pinned)
Ferrule material	Composite
Reflectance	≤ -20 dB

Dimensions

Length	30 m
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Mechanical Characteristics

Nominal outer diameter	5.5 mm
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Design

Fibre count	8
Outer jacket colour	Turquoise
Polarity	Extender, TIA-568 type-A

Specifications - Connector A

Insertion loss, max.	0.35 dB
Boot colour	Black
Connector type	MTP® (pinned)
Ferrule material	Composite
Reflectance	≤ -20 dB

Pulling grip - Connector A

Typical Force to Engage / Disengage FD	No
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Ordering Information

Product Number	ZE5E508QLZDDU030M
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
Units per delivery	1/1

General Specifications

Cable assembly type	EDGE8® Trunk
Application	Data Centre LAN/SAN
Assembly Insertion Loss	Indoor: ANSI/ICEA S-83-596

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Optical Characteristics

Fibre code	T
Fibre name	G50/125 ULTRA-BEND 7.5
Fibre Type	Multimode
Fibre 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 dB/km / 0.8 dB/km
Wavelengths	850 nm / 1300 nm

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Optical Characteristics

Induced Attenuation

For 7.5 mm radius < 0.2 db / -

Fibre category

OM4



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