

EDGE8® MTP® Trunk Cable Bend-improved single-mode (OS2), 8 F MTP (pinned) Connector to 8 F MTP (pinned) Connector, 24 F, with 840 mm legs, tool-less pulling grip one side, 30 m

CORNING

Part Number:
GE7E724GLZDDU030M

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 400 N of pulling tension while providing complete protection for the connectors. All trunks greater than 30 m 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

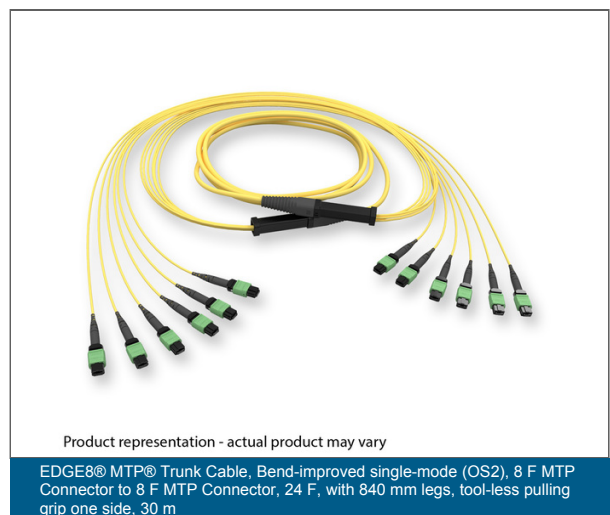
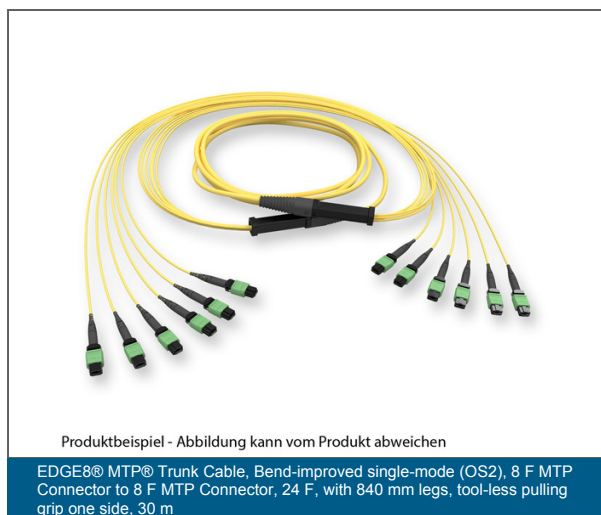
Enables system design flexibility

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

General Specifications

Fibre category	Bend-improved SM (OS2)
Cable assembly type	EDGE8® Trunk

Standards

Reaction to fire	Cca, s1b, d1, a1
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Design And Test Criteria	ANSI/ICEA S-83-596
Intermateability	TIA/EIA-604-5 / TIA/EIA-604-5

Environmental Conditions

Temperature range, installation	0 °C to 50 °C
Temperature range, operation	-10 °C to 60 °C

Design

Fibre count	24
Polarity	Universal, TIA-568 type-B
Fibre Type	Single-mode

Mechanical Characteristics

Nominal outer diameter	7.7 mm ± 0.3mm
Min. bend radius installation	115.5 mm
Min. bend radius operation	38.5 mm

Optical Characteristics

Cable cutoff wavelength	1260 nm
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Optical Characteristics

Fibre code	E
Fibre name	E9/125 SMF28e+®
Fibre Type	Single-mode
Fibre core diameter	9 µm
Serial 1 gigabit ethernet	5000 MHz*km / - / -
Serial 10 gigabit ethernet	10000 MHz*km / - / 40000 MHz*km
Typical attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre category	OS2

Specifications - Connector A

Insertion loss, max.	0.35 dB
Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Boot colour	Black
Connector type	MTP® (pinned)
Ferrule material	Composite
Reflectance	≤ -65 dB

Specifications - Connector B

Insertion loss, max.	0.35 dB
Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Boot colour	Black
Connector type	MTP® (pinned)
Ferrule material	Composite
Reflectance	≤ -65 dB

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Furcation - Connector A

Leg Length	840 mm -0 / +76mm
Furcation type	EDGE™ size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg colour	Yellow
Leg diameter	2 mm
Leg count	3
Plug Height	14.7 mm
Plug Width	14.7 mm
Plug Depth	108.6 mm

Furcation - Connector B

Furcation type	EDGE™ size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg colour	Yellow
Leg diameter	2 mm
Leg count	3
Leg Length	840 mm -0 / +76mm

Pulling grip - Connector A

Pulling grip	Yes
Tensile strength	440 N
Grip Outer Diameter	41 mm

Pulling grip - Connector B

Min. Duct Size Diameter	64 mm
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Ordering Information

Product Number	GE7E724GLZDDU030M
EAN Code	4056418689074

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Ordering Information

Package contents	"2x EDGE™ clips size 2 single stack, 2x EDGE clips size 2 double stack, 2x EDGE U-clips size 2, a printed test report and SRP"
Packaging method	Plastic reel
Units per delivery	1/1



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