

EDGE™ Trunk Cable, SMF-28® Ultra Singlemode (OS2), MTP® - MTP, 24 Fibres 840/840 mm leg lengths, pulling grip one side, xx m



Part Number:
G909024GLZ88UxxxM

EDGE MTP® trunks are preterminated cables with 12-fiber MTP connectors or LC duplex connectors on either side. The trunks build up the major skeleton of the passive network infrastructure, and thanks to the superior design including Corning® ClearCurve® fiber, they enable rapid deployment for your campus LAN or data center facility. All trunks are shipped with strain-relief clips that allow for the tool-less installation in both EDGE Solutions and Plug & Play™ Systems housings. These trunks conform to TIA-568 Type-B polarity.



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Specifications

General Specifications	
Fibre category	SMF-28® Ultra
Cable assembly type	Multi fibre

Standards	
Reaction to Fire	Cca, s1b, d1, a1
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Intermateability	TIA/EIA-604-5 / TIA/EIA-604-5

Environmental Conditions	
Temperature range, installation	0 °C to 50 °C
Temperature range, operation	0 °C to 60 °C
Temperature range, storage	-25 °C to 70 °C

Design	
Fibre count	24
Outer jacket material	LSZH/FRNC
Polarity	Universal

Mechanical Characteristics	
Tensile strength	450 N
Crush resistance	350 N/10 cm
Min. bend radius installation	144 mm
Min. bend radius operation	72 mm

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Optical Characteristics	
Cable cutoff wavelength	1260 nm
Fibre code	Z
Fibre name	SMF-28® Ultra TB Cable Optical Fibre
Fibre Type	Single-mode
Fibre compliance	ITU-T G.652.D and ITU-T G.657.A1
Cladding diameter	125 µm
Maximum Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Mode-Field Diameter at 1310 nm	9.2 µm
Serial 1 gigabit ethernet	5000 MHz*km / - / -
Serial 10 gigabit ethernet	10000 MHz*km / 40000 MHz*km
Wavelengths	1310 nm / 1383 nm / 1550 nm
PMD Link Design Value	≤ 0.04 ps/(nm*km)
PMD (Polarization Mode Dispersion) maximum individual fibre	≤ 0.1 ps/(nm*km)
Coating diameter	242 µm

Specifications - Connector A	
Polish	APC
Insertion loss, max.	0.35 dB
Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Tensile strength jacketed cable	44 N
Durability	≤ 0.2 dB change, 200 rematings, FOTP-21
Keyed (security)	No
Boot colour	Black
Connector type	MTP® (non-pinned)
Ferrule material	Composite
Housing colour	Green
Housing material	Composite
Boot type	Individual

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Specifications - Connector B	
Polish	APC
Insertion loss, max.	0.35 dB
Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Tensile strength jacketed cable	44 N
Durability	≤ 0.2 dB change, 200 rematings, FOTP-21
Keyed (security)	No
Boot colour	Black
Connector type	MTP® (non-pinned)
Ferrule material	Composite
Housing colour	Green
Housing material	Composite
Boot type	Individual

Furcation - Connector A	
Leg Length	500 mm
Leg diameter	2 mm
Plug Type	Size 1 EDGE™
Leg count	2
Plug Height	14.7 mm
Plug Width	14.7 mm
Plug Depth	107.6 mm

Furcation - Connector B	
Leg diameter	2 mm
Plug Type	Size 1 EDGE™
Leg count	2
Plug Height	14.7 mm
Plug Width	14.7 mm

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Furcation - Connector B	
Plug Depth	107.6 mm
Leg Length	840 mm

Pulling grip - Connector A	
Pulling grip	Yes
Tensile strength	450 N
Grip Outer Diameter	41 mm

Pulling grip - Connector B	
Tensile strength	450 N
Min. Duct Size Diameter	64 mm

Dimensions	
Length	xx m
Outer diameter	7.2 mm
Cable Weight	37.79 kg/km

Ordering Information	
Product Number	G909024GLZ58UxxxM
EAN Code	4056418687667
Package contents	2x EDGE™ clip size 1 test report
Packaging method	Plastic reel
Units per delivery	1/1

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