

# EDGE™ Solutions Trunk Cable, 50 µm (OM4), Low-Loss, MTP® to MTP, 12 F 840/840 mm leg lengths, pulling grip one side, 20 m

CORNING

**Part Number:**  
**G757512QLZ88U020M**

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.

## 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

Pulling grip	No
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### Furcation - Connector A

Leg diameter	2 mm
Plug Type	Size 1 EDGE™
Leg count	1
Plug Height	14.7 mm
Plug Width	14.7 mm
Plug Depth	107.6 mm
Leg Length	840 mm

### Furcation - Connector B

Leg diameter	2 mm
Plug Type	Size 1 EDGE™
Leg count	1
Plug Height	14.7 mm
Plug Width	14.7 mm
Plug Depth	107.6 mm
Leg Length	840 mm

### 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

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## Specifications - Connector A

Polish	PC
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	Turquoise
Housing material	Composite
Boot type	Individual

## Specifications - Connector B

Polish	PC
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	Turquoise
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## Dimensions

Length	20 m
Outer diameter	4.5 mm

## Mechanical Characteristics

Tensile strength	450 N
Crush resistance	350 N/10 cm
Min. bend radius installation	90 mm

## Design

Fibre count	12
Outer jacket material	LSZH™/FRNC
Outer jacket colour	Turquoise
Polarity	Universal

## Pulling grip - Connector A

Pulling grip	Yes
Tensile strength	400 N
Min. duct size diameter	64 mm

## Ordering Information

Product Number	G757512QLZ88U020M
EAN Code	4056418155739
Weight	20.48 kg/km
Packing type	Plastic reel
Packing contents	2x EDGE™ clip size 1, test report

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## General Specifications

Fibre category	50 µm MM (OM4)
Cable assembly type	Multi fibre

## 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
Induced Attenuation	For 7.5 mm radius < 0.2 db / -
Fibre category	OM4



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