

EDGE™ Non-Staggered MTP to LC Harness 12F, 50 µm multimode (OM4), MTP PRO to LC Uniboot, 10 ft

CORNING

Part Number:
H757912QPH-JB010F

EDGE™ MTP® to LC uniboot nonstaggered harnesses provide breakout from 12-fiber MTP PRO connectors to LC uniboot connectors. These harnesses come with nonstaggered legs in several length options.

The EDGE module harness is designed to create a cross-connect point near the electronics by enabling port replication. This harness uses LC uniboot connectors to interface with the electronics and a non-pinned MTP PRO connector to connect into the back of a module. This solution can be used in a horizontal distribution area (HDA).

The EDGE trunk harness is designed to facilitate an interconnect point when the electronics are located in a separate area than the cross-connect or patching field. This harness uses LC uniboot connectors to interface with the electronics and a pinned MTP PRO connector to connect into a trunk. This solution can be used in an equipment distribution area (EDA).

Features and Benefits

Slim round 2-fiber interconnect cable

Improves airflow and reduces congestion

MTP® PRO connectors

Allows for pinning and polarity changes in the field

Low-loss connectivity

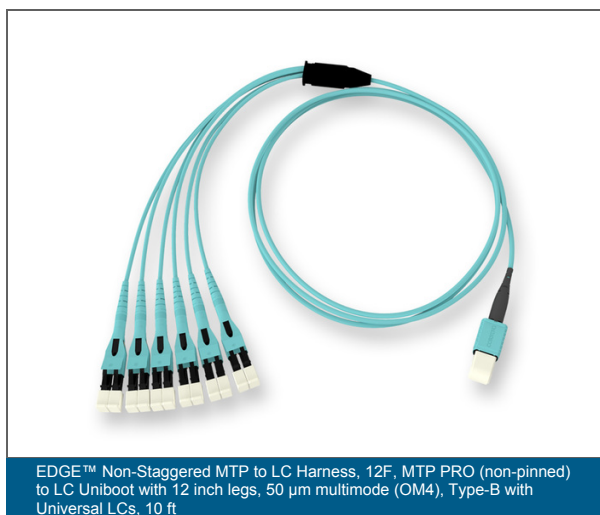
Enables system design flexibility

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 optimized dust cap

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



EDGE™ Non-Staggered MTP to LC Harness, 12F, MTP PRO (non-pinned) to LC Uniboot with 12 inch legs, 50 µm multimode (OM4), Type-B with Universal LCs, 10 ft

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Specifications

General Specifications

Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4)
Cable Assembly Type	EDGE™ Harness
Environment	Indoor
Connector Assembly Type	MTP to LC

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	NFPA 262, National Electrical Code® (NEC®), OFNP, CSA FT-6

Standards

Fiber Standards	TIA/EIA-492AAAC-A, Tested with minEMBc method to TIA/EIA-455-220, IEC 60793-2-10 Type A1a.2 Ed.2.0, IEC 60793-1-49 Ed.2.0, ITU-T G.651, ISO/IEC 11801 Ed.2.2 Cat. OM3
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Environmental Conditions

Temperature Range, Installation	0 °C to 50 °C (32 °F to 122 °F)
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)

Design

Fiber Count	12
Polarity	Type-B with Universal LCs
Fiber Type	Multimode

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Mechanical Specifications

Nominal Outer Diameter	2 mm (0.08 in)
Max. Tensile Strength for Installation	220 N (49.46 lbf)
Min. Bend Radius Installation	44 mm (1.73 in)
Min. Bend Radius Operation	15 mm (0.59 in)

Optical Characteristics

Fiber Code	Q
Fiber Type	Multimode
Fiber Compliance	IEC 60793-2-10 for A1a class 50/125 multimode fibers; TIA/ EIA 492AAAD (OM4); ITU-T Recommendation G.651; ISO/ IEC 11801 Ed.2.2 Grade OM4
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	1500 MHz*km / 500 MHz*km
Serial 1 Gigabit Ethernet	1000 MHz*km / 550 MHz*km
Parallel Optics 40 Gigabit Ethernet	150 m / -
Serial 10 Gigabit Ethernet	550 MHz*km / -
Wavelengths	850 nm / 1300 nm
Fiber Category	OM4

Specifications - Connector A

Insertion Loss, Max.	0.25 dB
Boot Color	Black
Connector Type	MTP® PRO (non-pinned)
Ferrule Material	Composite
Reflectance	< -20 dB

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Specifications - Connector B

Insertion Loss, Max.	0.1 dB
Boot Color	Aqua
Connector Type	LC Uniboot
Ferrule Material	Ceramic
Reflectance	< -20 dB

Dimensions

Length	10 ft -0 / +0.04m
Cable Weight	20 kg/km (13.44 lb/1000 ft)

Ordering Information

Product Number	H757912QPH-JB010F
EAN Code	4056418781310
Units per Delivery	1/1

Furcation - Connector A

Leg Length non-unit	non-staggered (300 mm/12 in)
Furcation Type	EDGE™ Harness Plug
Leg Color	Aqua
Leg Diameter	2 mm (0.08 in)

Furcation - Connector B

Furcation Type	EDGE™ Harness Plug
Leg Color	Aqua
Leg Diameter	2 mm (0.08 in)
Leg Count	6
Leg Length	304.8 mm (12 in)

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The Corning logo consists of a solid blue square. Inside the square, the word "CORNING" is written in a white, serif, all-caps font, centered horizontally and vertically.

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