

EDGE™ Reverse Polarity Uniboot Duplex Jumper

50 µm multimode (OM4), 3 m

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EDGE™ Reverse Polarity Uniboot Duplex Jumpers allow for the quick and easy conversion from a TIA-568 A-B polarity to a TIA-568 A-A polarity without exposing the fibers or needing any tools. This jumper comes with a straight-through polarity from the factory, but you can convert it to a flipped jumper. This uniboot design allows one cable to carry both fibers, reducing the jumper bulk when routing.

Features and Benefits

Factory-terminated solutions

Provide consistent quality, ensure system performance, and reduce installation time

Low insertion loss performance

Allows for more connections in a link when deploying a TIA-942-compliant system



Specifications

General Specifications	
Application	Data Center, Vertical Riser, General Building Applications
Cable Type	Interconnect
Flame Rating	Riser (OFNR)
Cable Assembly Type	Two Fiber
Fiber Category	50 µm MM (OM4)

Design - Connector A	
Connector Type	LC Uniboot
Ferrule Material	Ceramic
Housing Material	Composite
Housing Color	Black
Boot Color	Aqua

Design - Connector B	
Connector Type	LC Uniboot
Ferrule Material	Ceramic

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Design - Connector B

Housing Material	Composite
Housing Color	Black
Boot Color	Aqua

Cable Design

Fiber Count	2
Outer Jacket Color	Aqua

Mechanical Characteristics Cable

Nominal Outer Diameter	2 mm (0.08 in)
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Mechanical Characteristics - Furcation Leg

Minimum Bend Radius	10 mm
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Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Fiber Specifications

Optical Characteristics (cabled)

Fiber Type	Multimode
Fiber Core Diameter	50 µm
Fiber Category	OM4 Extended Distance
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
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km

- Notes:
- 1) 50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.
 - 2) Meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.
 - 3) Improved attenuation and bandwidth options available.
 - 4) Bend-insensitive single-mode fibers available on request.
 - 5) Contact a Corning Customer Care Representative for additional information.

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Fiber Specifications

Optical Characteristics (cabled)	
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	600 m / -
Standards in Compliance	TIA/EIA 492AAAC-A, Tested with minEMBc method to TIA/EIA 455-220, IEC 60793-2-10 Type A1a.2 Ed.2.0 and IEC 60793-1-49 Ed.2.0, ITU-T G651, ISO/IEC 11801 Ed.2.2 Cat. OM3
Fiber Code	Q
Induced Attenuation @ 7.5 mm Radius	< 0.2 dB / -

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Ordering Information

Part Number	797902QD120003M
Product Description	EDGE™ Solutions Jumper, 2 F, LC Uniboot to LC Uniboot, Interconnect Cable, Riser, 50 µm multimode (OM4), 3 m
EAN Code	4056418171623
Length	3 m

Shipping Information

Units per Delivery	1/1
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