

# EDGE™ Reverse Polarity Uniboot Duplex Jumper

50 µm multimode (OM4), 2 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  $\leq 0.2$  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 / -

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.

## Ordering Information

Part Number	797902QD120002M
Product Description	EDGE™ Solutions Jumper, 2 F, LC Uniboot to LC Uniboot, Interconnect Cable, Riser, 50 µm multimode (OM4), 2 m
EAN Code	4056418170442
Length	2 m

## Shipping Information

Units per Delivery	1/1
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