EDGE™ Reverse Polarity Uniboot Duplex Jumper

50 µm multimode (OM3), 7 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.

Part Number: 797902TD120007M

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 (OM3)

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)

Mechanical Characteristics - Furcation Leg	
Minimum Bend Radius	10 mm

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Name	G50/125 Pretium 300 ULTRA-BEND 7.5
Fiber Type	Multimode
Fiber Core Diameter	50 µm
Fiber Category	OM3
Fiber Compliance	IEC 60793-2-10 for A1a class 50/125 multimode fibers; TIA/EIA 492AAAC-A (OM3); ITU-T Recommendation G.651; ISO/IEC 11801 Ed.2.2 Grade OM3
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.0 dB/km / 1.0 dB/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)	
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Serial 1 Gigabit Ethernet	1000 m / 600 m / -
Serial 10 Gigabit Ethernet	300 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	T
Induced Attenuation @ 7.5 mm Radius	< 0.2 dB / -

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Ordering Information

Part Number	797902TD120007M
Product Description	EDGE™ Solutions Jumper, 2 F, LC Uniboot to LC Uniboot, Interconnect Cable, Riser, 50 µm multimode (OM3), 7 m
EAN Code	4056418179186
Length	7 m

Shipping Information

Units per Delivery	1/1

RoHS COMPLIANT

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