

Pretium EDGE® Solutions Jumper, 2 F, LC Uniboot to LC Uniboot, Interconnect Cable, Riser

50 µm multimode (OM3), 1 m

CORNING

Pretium EDGE® Solutions jumpers are integrated reverse-polarity uniboot duplex assemblies that meet the high-density space requirements of the MDA and EDA and provide a 50-percent reduction in bulk cabling when compared to traditional duplex jumpers. The highly flexible, 2-fiber interconnect cable reduces cable congestion, improves jumper management and routing and improves air circulation.

Enabled by Corning® ClearCurve® multimode optical fiber, Pretium EDGE® Solutions jumpers feature ultra-bendable performance and accommodate a minimum bend-radius of 10 mm with minimal bend-induced attenuation loss. With this bend performance, Pretium EDGE Solutions jumpers can greatly reduce outages and degradation in systems caused by severe bending problems.

Additional detailed furcation images are available in the Cable Assembly Family Specification Sheet.



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)

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Design - Connector A

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

Design - Connector B

Connector Type	LC Uniboot
Ferrule	Ceramic
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 2002/95/EG
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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 Grade OM3
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.0 dB/km / 1.0 dB/km
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 Cat. OM3
Fiber Code	T
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 Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.
3) Improved attenuation and bandwidth options available.
4) Bend-insensitive single-mode fibers available on request.
5) Contact a Corning Cable Systems Customer Care Representative for additional information.

Ordering Information

Part Number	797902TD120001M
Product Description	Pretium EDGE® Solutions Jumper, 2 F, LC Uniboot to LC Uniboot, Interconnect Cable, Riser, 50 µm multimode (OM3), 1 m
Length	1 m

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Shipping Information

Units per Delivery	1/1
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