

Fiber Optic Jumper, Low-Loss, 2 F, LC Duplex to LC Duplex, Zipcord Tight-Buffered Cable, Riser, 2.0 mm

50 μ m multimode (OM3), 1 m

CORNING

Corning Cable Systems Pretium® Low-Loss OM3 Zipcord Jumpers with Ultra-Bendable Performance are bend-insensitive OM3-compliant products designed for enterprise and data center environments. The assemblies provide a 100 percent improvement in minimum bend-radius compared to standard products. The bend-insensitive jumpers solve technical challenges in data center and local area network (LAN) applications where tight bends and space constraints are common. The enhanced bend performance of the assemblies is enabled by Corning® ClearCurve® multimode fiber. Corning Cable Systems has optimized the engineered ultra-bendable characteristics of the cable with high-quality, factory-terminated and tested Corning Cable Systems connectors to provide increased installation reliability with industry-leading low connector insertion loss.

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

Many of our fiber optic cable assemblies are highly configurable. If you don't see what you are looking for here, please review the ordering matrix contained in the family spec sheet, or contact Customer Care at 1-800-743-2671.

Features and Benefits

Ultra-bendable performance

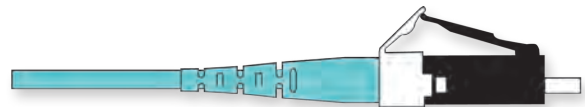
Ideal for tight-bend deployments; provides reliability and virtually zero bend-induced loss at bends of 10 mm

Low-loss

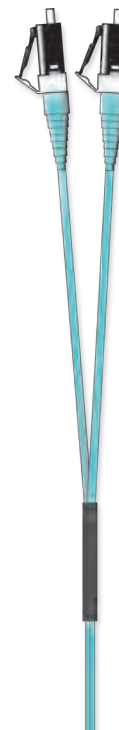
Meets increasingly stringent network performance requirements

Cable jacket is clearly labeled as ultra-bendable

Easy identification



Part Number: E050502T5120001M



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Specifications

General Specifications

Application	Data Center, Vertical Riser, General Building Applications
Cable Type	Tight-Buffered
Flame Rating	Riser (OFNR)
Cable Assembly Type	Two Fiber
Fiber Category	50 µm MM (OM3)

Design - Connector A

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

Optical Specifications - Connector A

Insertion Loss, Typical	0.15 dB
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Design - Connector B

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

Optical Specifications - Connector B

Insertion Loss, Typical	0.15 dB
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Cable Design

Fiber Count	2
Outer Jacket Color	Aqua

Mechanical Characteristics Cable

Nominal Outer Diameter	4 mm (0.16 in)
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Mechanical Characteristics - Furcation Leg

Minimum Bend Radius	10 mm
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Furcation - Connector A

Plug Type	Heat-shrink sleeve
Plug Dimensions	25.4 x 3.5 x 5.5 mm (1 x 0.14 x 0.22 in)
Leg Diameter	2 mm
Leg Length	254 mm (10 in (+1.5 in/-0 in))

Furcation - Connector B

Plug Type	Heat-shrink sleeve
Plug Dimensions	25.4 x 3.5 x 5.5 mm (1 x 0.14 x 0.22 in)
Leg Diameter	2 mm
Leg Length	10 in (+1.5 in/-0 in) (254 mm (+38.1 mm/-0 mm))

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Fiber Specifications

Optical Characteristics (cabled)	
Fiber Type	Multimode
Fiber Core Diameter	50 μ m
Fiber Category	OM3
Fiber Code	T
Performance Option Code	80
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1 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 / -
Induced Attenuation @ 7.5 mm Radius	< 30 dB up to 80 dB

* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.

Notes: 1) 50 μ m multimode fiber macrobend loss \leq 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.
2) Improved attenuation and bandwidth options available.
3) Bend-insensitive single-mode fibers available on request.
4) Contact a Corning Cable Systems Customer Care Representative for additional information.

Ordering Information

Part Number	E050502T5120001M
Product Description	Fiber Optic Jumper, Low-Loss, 2 F, LC Duplex to LC Duplex, Zipcord Tight-Buffered Cable, Riser, 2.0 mm legs, 50 μ m multimode (OM3), 1 m
Length	1 m (3 ft)

Shipping Information

Units per Delivery	1/1
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