

# Fiber Optic Jumper, 2 F, LC Duplex to LC Duplex, Zipcord Cable, Riser, 2.0 mm legs

50 µm multimode (OM3), 3 m

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Two-fiber cable assemblies are offered with a variety of connector and cable combinations. Connector options include LC, SC, FC, ST® Compatible, and MT-RJ. RoHS compliant Zipcord, DFX®, MIC®, Fanout, and RIC cables are available.

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

### Flame-retardant jacket

Rugged and durable

### Geometry is verified

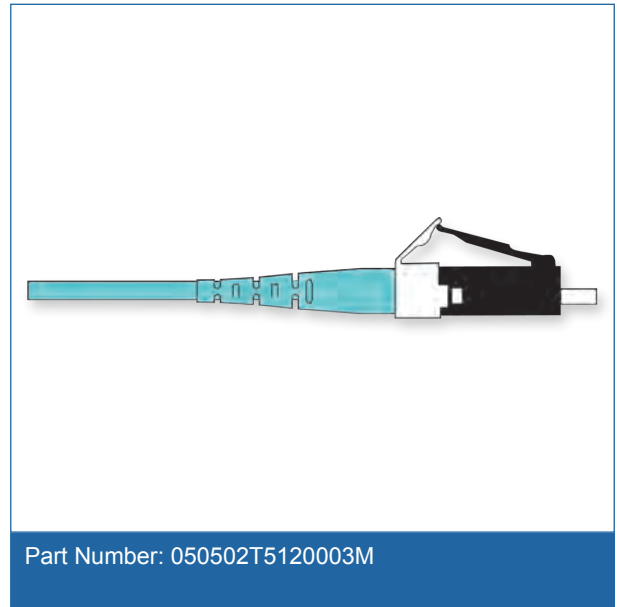
Product performance over temperature variations is guaranteed

### 100% visual inspection per IEC 61300-3-35

Product performance consistency is guaranteed

### Corning advantage

Integrated developer and manufacturer of cable, connectors and fiber to ensure overall cable assembly performance



Part Number: 050502T5120003M

## Specifications

General Specifications	
Application	Vertical Riser, General Building Applications
Cable Type	Tight-Buffered
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 duplex
Ferrule	Ceramic
Housing Material	Composite
Housing Color	Black
Boot Color	Aqua

## Optical Specifications - Connector A

Insertion Loss, Typical	0.35 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	0.35 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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## 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	10 in (+1.5 in/-0 in) (254 mm (+38.1 mm/-0 mm))

## 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 $\mu$ 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  $\mu$ 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	050502T5120003M
Product Description	Fiber Optic Jumper, 2 F, LC Duplex to LC Duplex, Zipcord Tight-Buffered Cable, Riser, with 2.0 mm legs, 50 $\mu$ m multimode (OM3), 3 m
Length	3 m (9.8 ft)

## Shipping Information

Units per Delivery	1/1
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