

# Fiber Optic Jumper, 1 F, ST® Compatible to ST Compatible, Tight-Buffered Cable, Riser, 2.9 mm

62.5 µm multimode (OM1), 2 m

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Simplex cable assemblies are offered with a variety of connector combinations. Connector options include LC, SC, FC and ST® Compatible. RoHS compliant cables with riser-rated jackets are available in 3.0 mm, 2.0 mm, 1.6 mm and 900 µm.

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

## Specifications

General Specifications	
Application	Vertical Riser, General Building Applications
Cable Type	Tight-Buffered
Flame Rating	Riser (OFNR)
Cable Assembly Type	Single Fiber
Fiber Category	62.5 µm MM (OM1)

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## Design - Connector A

Connector Type	ST® Compatible
Ferrule	Ceramic
Housing Material	Composite
Housing Color	Beige
Boot Color	Black

## Optical Specifications - Connector A

Insertion Loss, Typical	0.35 dB

## Design - Connector B

Connector Type	ST® Compatible
Ferrule	Ceramic
Housing Material	Composite
Housing Color	Beige
Boot Color	Black

## Optical Specifications - Connector B

Insertion Loss, Typical	0.35 dB

## Cable Design

Fiber Count	1
Outer Jacket Color	Orange

## Mechanical Characteristics Cable

Nominal Outer Diameter	2.9 mm (0.11 in)

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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 Core Diameter	62.5 µm
Fiber Type	Multimode
Fiber Category	OM1
Fiber Code	K
Performance Option Code	30
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.4 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / -
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -

Notes: 1) Improved attenuation and bandwidth options available.  
2) Bend-insensitive single-mode fibers available on request.  
3) Contact a Corning Cable Systems Customer Care Representative for additional information.

## Ordering Information

Part Number	505001K3141002M
Product Description	Fiber Optic Jumper, 1 F, ST <sup>®</sup> Compatible to ST Compatible, Tight-Buffered Cable, Riser, 2.9 mm, 62.5 µm multimode (OM1), 2 m
Length	2 m (6.6 ft)

## Shipping Information

Units per Delivery	1/1
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## Notes



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