

Fiber Optic Jumper, 1 F, SC to SC, Tight-Buffered Cable, Riser, 2.9 mm

62.5 µm multimode (OM1), 2 m

CORNING

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 | SC |
| 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 | SC |
| 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 |
|------|---|

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 | 393901K3141002M |
| Product Description | Fiber Optic Jumper, 1 F, SC to SC, 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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62.5 μ m multimode (OM1), 2 m

The Corning logo consists of a solid blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

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Notes



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