

Fiber Optic Jumper, 1 F, SC to SC, Tight-Buffered Cable, Riser, 1.6 mm

Bend-improved Single-mode (OS2), 5 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 1-800-743-2675.

Features and Benefits

Flame-retardant jacket

Rugged and durable

Superior Performance Testing

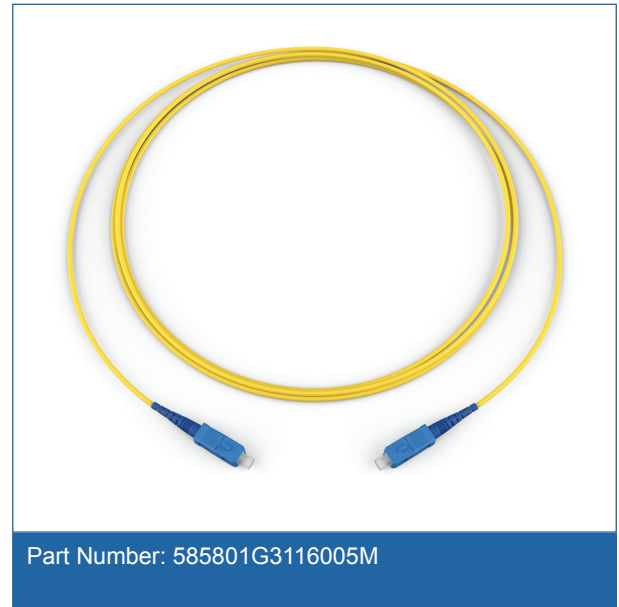
Every termination is tested to ensure the highest in network performance

State-Of-The-Art Manufacturing Processes

Corning proprietary manufacturing processes and advanced technology result in unsurpassed product consistency

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	Bend-improved SM (OS2)

Design - Connector A	
Connector Type	SC
Ferrule Material	Ceramic

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Design - Connector A

Housing Material	Composite
Housing Color	Blue
Boot Color	Blue

Optical Specifications - Connector A

Polish	UPC
Reflectance, Typical	≤ -58 dB
Insertion Loss, Typical	0.15 dB

Design - Connector B

Connector Type	SC
Ferrule Material	Ceramic
Housing Material	Composite
Housing Color	Blue
Boot Color	Blue

Optical Specifications - Connector B

Polish	UPC
Reflectance, Typical	≤ -58 dB
Insertion Loss, Typical	0.15 dB

Cable Design

Fiber Count	1
Outer Jacket Color	Yellow

Mechanical Characteristics Cable

Nominal Outer Diameter	1.6 mm (0.06 in)
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Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Fiber Specifications

Optical Characteristics (cabled)	
Fiber Type	Single-Mode Ultra-Bendable Fiber
Fiber Core Diameter	8.2 μ m
Fiber Category	OS2
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1
Fiber Code	G
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m
Induced Attenuation @ 10 mm Radius	0.5 dB (1 turn; 10 mm radius; 1550 nm)

* ITU-T G.652 D compliant.

* Meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.

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

Ordering Information

Part Number	585801G3116005M
Product Description	Fiber Optic Jumper, 1 F, SC to SC, Tight-Buffered Cable, Riser, 1.6 mm, Bend-improved Single-mode (OS2), 5 m
EAN Code	4056418610498
Length	5 m (16.4 ft)

Shipping Information

Units per Delivery	1/1
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