

# Fiber Optic Jumper, 1 F, SC to SC, Tight-Buffered Cable, Riser, 2.0 mm Standard SCUPC Simplex SM / Standard SCUPC Simplex SM, SMF Ultra, 1F, Single Fiber Riser, Standard Yellow Jacket 2

CORNING

**Part Number:**  
**585801G2131002M**

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

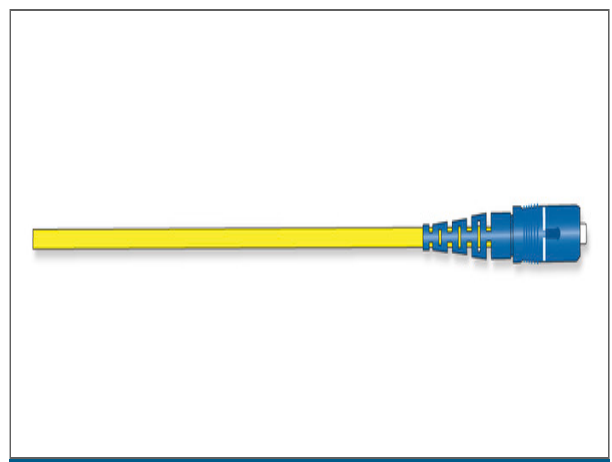
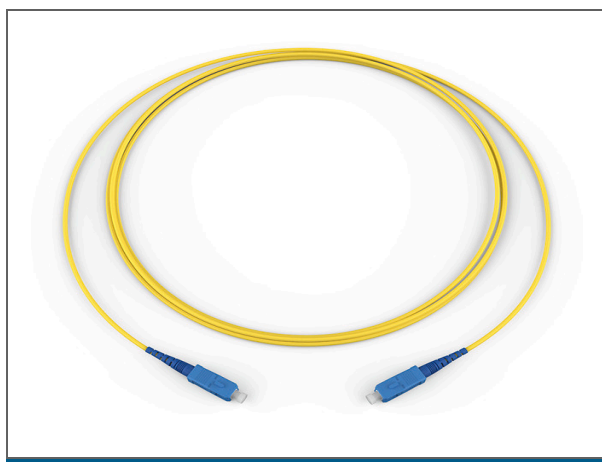
Every termination is tested to ensure the highest in network performance

### 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



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## Specifications

### Mechanical Specifications

Nominal Outer Diameter	2 mm (0.08 in)
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### Dimensions

Length	2 m (6.56 ft)
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### Specifications - Connector B

Reflectance, Typical	$\leq -58$ dB
Polish	UPC
Insertion Loss, Typical	0.15 dB
Boot Color	Blue
Connector Type	SC
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite

### Specifications - Connector A

Reflectance, Typical	$\leq -58$ dB
Polish	UPC
Insertion Loss, Typical	0.15 dB
Boot Color	Blue
Connector Type	SC
Ferrule Material	Ceramic
Housing Color	Blue
Housing Material	Composite

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## General Specifications

Application	Vertical Riser , General Building Applications
Cable Type	Tight-Buffered
Flame Rating	Riser (OFNR)
Cable Assembly Type	Single fiber

## Design

Fiber Count	1
Outer Jacket Color	Yellow

## Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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## Optical Characteristics

Fiber Code	G
Fiber Type	Single-Mode Ultra-Bendable Fiber
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1
Fiber Core Diameter	8.2 µm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Serial 1 Gigabit Ethernet	5000 MHz*km / - / -
Serial 10 Gigabit Ethernet	10000 MHz*km / - / 40000 MHz*km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	OS2