

# Fiber Optic Jumper, 1 F, FC to SC, Tight-Buffered Cable, Riser, 900 $\mu$ 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  $\mu$ m.

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

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### **Superior Performance Testing**

Every termination is tested to ensure the highest in network performance

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### **State-of-the-art manufacturing processes**

Advanced technology results in unsurpassed product consistency and quality

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### **Corning advantage**

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

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Design		
Part Number	Fiber Count	Outer Jacket Color
545801R4131002M	1	Yellow
545801R4131003M	1	Yellow
545801R4131005M	1	Yellow

Optical Characteristics	
Fiber Category	OS2
Fiber Type	Single-mode (OS2) / 250 $\mu$ m
Fiber Code	E
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.4 dB/km

Specifications - Connector A								
Part Number	Connector Type	Housing Color	Housing Material	Boot Color	Ferrule Material	Polish	Insertion Loss, Typical	Reflectance, Typical
545801R4131002M	FC	Metal	Metal	Blue	Ceramic	UPC	0.15 dB	$\leq$ -59 dB
545801R4131003M	FC	Metal	Metal	Blue	Ceramic	UPC	0.15 dB	$\leq$ -59 dB
545801R4131005M	FC	Metal	Metal	Blue	Ceramic	UPC	0.15 dB	$\leq$ -59 dB

Specifications - Connector B								
Part Number	Connector Type	Housing Color	Housing Material	Boot Color	Ferrule Material	Polish	Reflectance, Typical	Insertion Loss, Typical
545801R4131002M	SC	Blue	Composite	Blue	Ceramic	UPC	$\leq$ -59 dB	0.15 dB
545801R4131003M	SC	Blue	Composite	Blue	Ceramic	UPC	$\leq$ -59 dB	0.15 dB
545801R4131005M	SC	Blue	Composite	Blue	Ceramic	UPC	$\leq$ -59 dB	0.15 dB

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Dimensions	
Part Number	Length
545801R4131002M	2 m (6.56 ft)
545801R4131003M	3 m (9.84 ft)
545801R4131005M	5 m (16.4 ft)



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