



Features

- Meets EIA / TIA, IEC, and JIS C5970 Specifications
- For Super PC, Ultra PC, or Angle PC Applications
- Multi Mode or Singlemode
- Pre-radiused Zirconia Ferrule
- Metal housing
- Strain Relief for 3.0 mm Designed To Meet Bellcore Mechanical Requirements
- RoHS Compliant
- Pre-Assembled connectors made in Greenville, South Carolina

Specifications

Parameter	Specification	
	Singlemode	Multi Mode
Insertion Loss	< 0.20 dB Typical*	< 0.15 dB Typical*
Return Loss	> 50 dB Ultra Polish*	> 30 dB*
Durability	> 1,000 Matings	> 1,000 Matings
Tensile Strength (3 mm Cable)	> 20 lbf	> 20 lbf
Flexure (3 mm Cable)	>100 Cycles	> 100 Cycles
Operational Temperature	-40° to 80°C	-40° to 80°C

*Depends on fiber/ferrule match, fiber properties and processes.

Ordering Information

Singlemode

FS01168-55-BL: FC Singlemode Connector for 3.0mm Cable, 125.5 μ m I.D. Ferrule, 3.0mm Bellcore Blue Boot, 3.0mm Crimp Ring and Eyelet.

FS01171-55-BL: FC Singlemode Connector for 2.0mm Cable, 125.5 μ m I.D. Ferrule, 2.0mm Bellcore Blue Boot and 2.0mm Crimp Ring.

FS01170-55-BL: FC Singlemode Connector for 900 μ m Fiber, 125.5 μ m I.D. Ferrule and 900 μ m Blue Boot.

Multi Mode

FS01169-30-BK: FC Multi Mode Connector for 3.0mm Cable, 127 μ m I.D. Ferrule, 3.0mm Bellcore Black Boot, 3.0mm Crimp Ring and Eyelet.

FS01169-20-BK: FC Multi Mode Connector for 2.0mm Cable, 127 μ m I.D. Ferrule, 2.0mm Bellcore Black Boot and 2.0mm Crimp Ring.

FS01169-09-BK: FC Multi Mode Connector for 900 μ m Fiber, 127 μ m I.D. Ferrule, 900 μ m Black Boot.

Angle Polish

FS01172-55-GR: FC APC Connector for 3.0mm Cable, 125.5 μ m I.D. Pre-Angled 8°, Cone Type Ferrule, 3.0mm Bellcore Green Boot, 3.0mm Crimp Ring and Eyelet.

FS01174-55-GR: FC APC Connector for 900 μ m Fiber, 125.5 μ m I.D. Pre-Angled 8°, Cone Type Ferrule, and 900 μ m Green Boot.

Component Options

Ferrules: 125 μ m I.D. and 126 μ m Singlemode, 140 – 144 μ m I.D. Multi Mode; PC and APC

Boot Colors: Blue, Black, Red, White and Yellow.