

SC CONNECTOR



Description

SC connector is a widely deployed connector. It is used in every area of the communications environment, from a telecom distribution room to a local area network closet. FOS SC connectors are manufactured using the highest quality components.

- Made by precise ceramic ferrules and components
- Available in Singlemode or Multimode
- Available in 3mm, 1.8/2mm or 0.9mm boot size
- Duplex clip is available for duplex configuration
- Custom color is available upon request

Optical Performance	Max	Typ
Single mode - Insertion loss (dB)	0.3	0.15
Return Loss (dB) - UPC	50dB	55dB
- APC	60dB	65dB
Multimode	0.3	0.15

Ferrule

Material	zirconia
Diameter	2.5mm +/- 0.01mm
End finishing	Pre radius, PC end finish for physical contact
Intermateability	Compliant with IEC 61754-13

Environmental

Vibration (IEC61300-2-1)	10-55Hz, 1.5mm P to P: Max 0.3dB change
Mating Durability (IEC61300-2-2)	1000 mating cycles clean every 25, Max 0.2dB change
Damp Heat (IEC61300-2-19)	60degreeC @ 95%RH for 96hours, Max 0.2dB change
High Temperature Test (IEC61300-2-18)	75degreeC for 96hours, Max 0.2dB change
Temperature Cycling (IEC61300-2-48)	-40 to 75degreeC, 40cycles, Max 0.2dB change
Operating Temperature	-40 to +85degreeC