

SC FIBER OPTIC CONNECTORS AND ADAPTERS



DESCRIPTION

The versatile SC connectors and adapters are completely compatible with other SC hardware. This design, which provides non-optical disconnect terminations in a push-pull coupling mechanism. Because of its versatility, this connector is well suited for

Telecommunication, CATV and Data-com applications. Connectors utilize precision ceramics, ruggedized zinc die cast inner body and the latest engineering polymers in their construction. With their pre-assembled one-piece body design and pre-polished ferrules, these connectors provide quick and economical terminations both in factory and in-the-field settings.

FEATURES

High performance single mode and multi mode connectors and adapters

- Push-pull coupling for easy insertion and high repeatability
- Field installable
- Minimum termination time
- High termination yield
- High system durability, stability and repeatability
- Pre-radius, pre-polished zirconia ceramic connector ferrules
- Precision adapters with rugged phosphor-bronze alignment sleeves

SPECIFICATIONS

Units	Min.	Max.	Comments
Durability	~dB	-	0.11
Mechanical endurance	~dB	-	<.3
Temperature range:			
storage	°C	-40	+80
operating	°C	-40	+80
Thermal aging	~dB	-	.03
Dry heat	~dB	-	<.3
Damp heat	~dB	-	<.3
Temperature cycling	~dB	-	.08
Rapid temperature change	~dB	-	<.3
Humidity cycling	~dB	-	.06
Vibration	~dB	-	.02
	~dB	-	<.3
Flex test	~dB	-	.03
Twist test	~dB	-	.02
Proof test	~dB	-	.02
Strength of coupling mechanism	~dB	-	<.3
Straight pull test	~dB	-	.06
Cable pulling	~dB	-	<.5
Side pull test	~dB	-	.28
Stability	~dB	-	.11
Impact	~dB	-	0.2
Drop	~dB	-	<.3
Insertion Loss	~dB	-	0.1

ORDER INFORMATION

P/N	Description
CFO-3005	SC SM Connector