



SC Connector Datasheet

Key Features:

Complies with IEC 61754-4 and TIA 604-3-B, FOCIS-3

Low insertion loss and back reflection capability

A push-pull coupling mechanism for easy insertion and consistent connection

Connector housing and duplex clip available in different colors for easy identification

Zirconia ceramic ferrule available in several performance grades

RoHS materials, REACH SvHC compliant

Individual parts packed in bulk package

Application:

Telecommunications networks

CATV - Cable television

Fibre-To-The-Home (FTTH)

LAN, MAN and WAN application

Data processing networks

Premises distribution

Specification:

MECHANICAL PROPERTIES	CRITERIA	EFFECT	CONFORMANCE
Mating	500 matings	<0.2db change	IEC 61300-2-2
Durability			
Vibration	10-55Hz, 0.75 amplitude	<0.2db change	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	<0.2db change	IEC 61300-2-12
Cable Retention	Magnitude 90N	<0.2db change	IEC 61300-2-4
Cable Torsion	1.5kg - 2.5kg for 2mm-3mm cable diameter	<0.2db change	IEC 61300-2-5
Operating Temperature	-25 to +70, 12 cycles	<0.2db change	IEC 61300-2-22
Cold	-25 for 96 hrs	<0.2db change	IEC 61300-2-17
Dry Heat	+70 for 96 hrs	<0.2db change	IEC 61300-2-18



The SC connector features a 2.5mm Zirconia Ceramic ferrule and a push/pull coupling mechanism for a fast and reliable connection. A range of pigtail, Simplex and Duplex SC connectors are manufactured including Standard, Premium Low Loss and High Performance Grades which are suitable for various applications.

The SC connectors are available for singlemode UPC with blue boots, for APC with green boots and for multimode PC with red or black boots suitable for 900µm, 2mm or 3mm cable diameters. The SC/APC connector is available with a pre-angled ferrule designed for 8 degree angle polishing.

The SC connector housing and duplex clip are available in standard colours including blue (singlemode), green (singlemode APC) and beige (multimode).

Mikrolink can supply all standard configuration connectors, as well as custom configurations, boots, labelling and OEM branding to customer specifications.

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