

## SC Connector

### Description:

The SC connectors are designed and manufactured according to JIS, IEC, EIA/TIA and ANSI specifications for intermateability and optical performance. The SC connectors are offered in both MM or SM versions, with PC and APC polishing method. The SC connector is available in different color variants according to your demand.






### Features:

- Pull proof, intuitive latching mechanism
- Meets SC connector standards
- Available SM, MM simplex or duplex connector
- Duplex clip available separately
- Pre-radiused ceramic ferrules configured for Super, Ultra, PC and APC polishing
- Ferrule assembly has high resolution tuning feature
- Bend relief boots meet TR-NWT - 000326 side load
- Dust cover

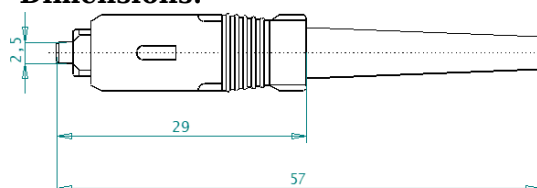
### Specifications:

Insertion loss (IL)	typ. 0.15 dB
Return loss (RL)	> 60 dB for jumper length up to 5 m
Strain relief	100 N
Operating temperature	-40 °C to +80 °C, conditioned by type of cable
Durability	min 1000 cycles
Assembly procedure	glue and polish
Connection	physical contact
Lock mechanism	snap-on
Standards	ISO/IEC 11801, TIA 568A, CENELEC
Ferrule material	full ceramic zirconia
Connector material	thermoplastic, zinc alloy nickel plated
Adapter material	polymer composite, zinc alloy

### Typical application of zirconia ferrules:

PC - MM	7D	hole Ø 127 µm, dome			
PC - SM	6D	hole Ø 126 µm, dome			
APC	5C	hole Ø 125 µm, cone			
	<b>5A</b>	hole Ø 125 µm, angle	Dome	Cone	Angle

## Dimensions:



## Samples:



SC/APC-SM-GR-09-5C



SC/PC-SM-BL-09-6D



SC/PC-MM-BG-3B-7D



SC/PC-SM-BL-3B-6D



SC/APC-SM-GR-20-5C



SC/PC-SM-BL/BK-3B-6D



SC/PC-SM-BL/RD-3B-6D



SC/PC-SM-BL-20-6D

## Application:

- Telecom, LAN, WAN, CATV
- Sensor Systems, Measuring Technique
- Utilities, Railways

## Ordering code:

**SC-(D) / (A)PC - XX - XX/(XX<sup>1</sup>) - XX - XX**

<b>connector type</b> <b>SC</b> SC connector <b>SC-D</b> SC duplex connector  <b>connector style</b> <b>MM</b> multimode <b>SM</b> singlemode	<b>color</b> <b>BL</b> blue <b>BK</b> black <b>GR</b> green <b>RD</b> red <b>BG</b> beige  <b>boot type</b> <b>09</b> fiber Ø 0.9 mm <b>3B</b> cable Ø 3.0 mm <b>20</b> cable Ø 2.0 mm	<b>zirconia ferrule type</b> <b>hole (µm)</b> <b>preformed shape</b> <b>5</b> 125 <b>D</b> dome <b>6</b> 126 <b>C</b> cone <b>7</b> 127 <b>A</b> angle
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Note:

- 1) boot color - please define if required different from standard: RD - red, BK - black
- 2) standard color: Multimode - connector & boot beige, Single mode PC - connector & boot blue, APC - connector & boot green