

SC Connector

Description:

The SC connectors are designed and manufactured according 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 |

Application:



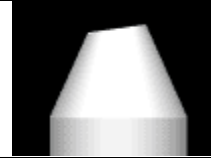
- Telecom
- LAN, WAN
- CATV
- Sensor Systems
- Measuring Technique
- Utilities, Railways

Ordering code:

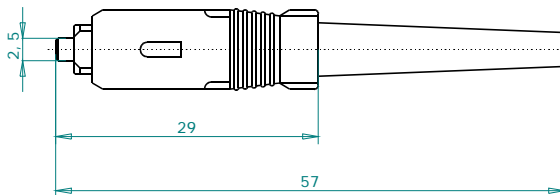
SC-(D) / (A)PC - XX - XX/(XX¹) - XX - XX

| <p>connector type</p> <p>SC SC connector</p> <p>SC-D SC duplex connector</p> <p>connector style</p> <p>MM multimode</p> <p>SM singlemode</p> | <p>color</p> <p>BL blue</p> <p>BK black</p> <p>GR green</p> <p>RD red</p> <p>BG beige</p> <p>boot type</p> <p>09 fiber Ø 0.9 mm</p> <p>3B cable Ø 3.0 mm</p> <p>20 cable Ø 2.0 mm</p> | <p>zirconia ferrule type</p> <table border="1"> <thead> <tr> <th>hole (µm)</th> <th>preformed shape</th> </tr> </thead> <tbody> <tr> <td>5 125</td> <td>D dome</td> </tr> <tr> <td>6 126</td> <td>C cone</td> </tr> <tr> <td>7 127</td> <td>A angle</td> </tr> </tbody> </table> | hole (µm) | preformed shape | 5 125 | D dome | 6 126 | C cone | 7 127 | A angle |
|--|---|---|-----------|-----------------|--------------|---------------|--------------|---------------|--------------|----------------|
| hole (µm) | preformed shape | | | | | | | | | |
| 5 125 | D dome | | | | | | | | | |
| 6 126 | C cone | | | | | | | | | |
| 7 127 | A angle | | | | | | | | | |

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

| 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 | | | |
| | 5A | hole Ø 125 µm, angle | Dome | Cone | Angle |

Dimensions:



Samples:

