

**SC**
**SINGLEMODE FIBER OPTIC CONNECTOR**

Outer plug body : color green

Series

F728

Packaging

100

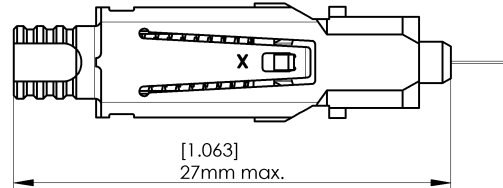
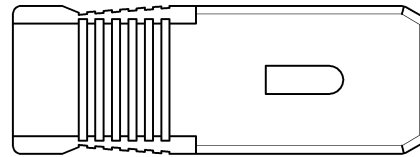
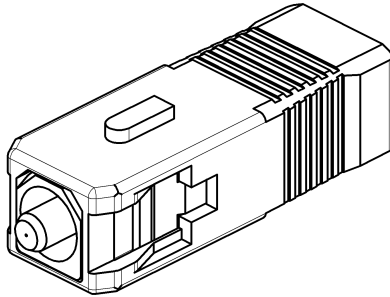
Issue

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Original dimensions in mm [inch]


**GENERAL**

- Type** : IEC 61754-4 type SC  
 Singlemode, zirconia APC ceramic ferrule (pencil type)  
 Push-pull latching system, floating ferrule  
 360° tunable (adjustable to 6 positions for optimization of random insertion loss)
- Ferrule size** : 126 μm  
**Fiber size** : 9,5 /125 μm, singlemode
- Cable** : Ø (0.9mm- 0.6/1 -0.8/1.6) buffered fiber – Ø (2 to 3) tight or semi loose structure
- Cabling proc.** : Refer to 503 08 400 (D 6121 oe), assembly instruction manual

**CHARACTERISTICS** *(Dependant on fiber or cable construction)*

- Optical** : Attenuation at 1310 and 1550 nm, LD
- |                    | STD           | TUNED (IEC 61300-2-40) |  |
|--------------------|---------------|------------------------|--|
| Mean               | < 0.2 dB      | < 0.2 dB               | (Attenuation plug mated with reference plug IEC 61300-3-4) |
| Standard deviation | 0.15 dB       | 0.15 dB                |  |
| Max                | < 0.8 dB, 97% | < 0.6 dB, 99%          | (Attenuation of random mated connectors IEC 61300-3-34)    |
| Mean               | 0.25 dB       | 0.15 dB                |  |
| Repeatability      | 0.10 dB       | 0.10 dB                | (Maximum loss variation, IEC 61300-2-2)                    |
| Return loss        | > 60 dB       | > 60 dB                | (IEC 61300-3-6)  |
- Mechanical** : Mechanical endurance 500 matings  
 Cable retention N/A
- Environmental** : Temperature range (storage/operating) -40 to +85 °C

CREATION									
N°:								<b>RADIALL</b> <sup>®</sup>	
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