

**SC**
**MULTIMODE FIBER OPTIC CONNECTOR**

Outer plug body and boot: color blue

Series

F728

Packaging

100

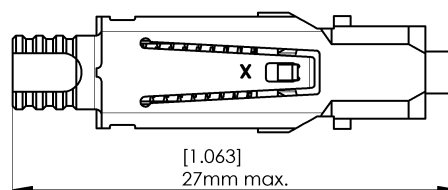
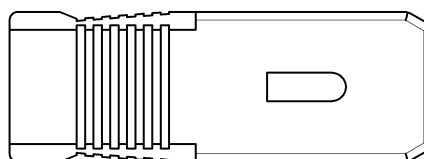
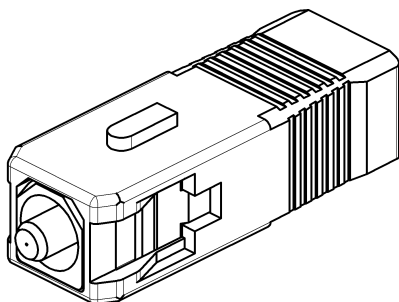
Issue

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Original dimensions in mm [inch]


**GENERAL**

- Type** : IEC 61754-4 type SC  
 Multimode, zirconia ceramic ferrule (20 mm pre-radius)  
 Push-pull latching system, floating ferrule  
 360° tunable (adjustable to 6 positions for optimization of random insertion loss)
- Ferrule size** : 128 µm  
**Fiber size** : 50/125; 62.5/125 µm, multimode
- 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 |                                                            |
|--------------------|----------------|-----|------------------------------------------------------------|
| Mean               | < 0.2 dB       |     | (Attenuation plug mated with reference plug IEC 61300-3-4) |
| Standard deviation | 0.08 dB        |     |                                                            |
| Max                | < 0.75 dB, 95% |     | (Attenuation of random mated connectors IEC 61300-3-34)    |
| Mean               | 0.25 dB        |     |                                                            |
| Repeatability      | 0.10 dB        |     | (Maximum loss variation, IEC 61300-2-2)                    |
| Return loss        | > 20 dB        |     | (IEC 61300-3-6)                                            |

**Mechanical** : Mechanical endurance 500 matings  
 Cable retention 100N

**Environmental** : Temperature range (storage/operating) -40 to +85 °C

| CREATION         |            |                                                 |      |       |  | <b>RADIALL®</b>       |
|------------------|------------|-------------------------------------------------|------|-------|--|-----------------------|
| N°:              |            |                                                 |      |       |  | 101, rue P. Hoffmann  |
| PEN/EP: CAT.     |            |                                                 |      |       |  | 93116 ROSNY/BOIS      |
| Name: PB         |            |                                                 |      |       |  | FRANCE                |
| Date: 11 Aug. 99 | 31 Dec. 10 | Mise à jour performances optiques et mécaniques | SP   | HD    |  | Tel : (33) 0149353535 |
| Appr.: LV        | Issue      | Revisions                                       | Name | Appr. |  | Fax : (33) 0148546363 |