**TECHNICAL DATA SHEET**

**Type:** ST2 MULTIMODE PLUG 128 µm CERAMIC FERRULE CABLE Ø3 MAX

**Packaging:**
- SINGLE: F 709 024 000
- PACK OF 100: F 709 024 200

**Dimensions:** mm

- Ø0.128 max
- Ø4.95 max
- 34.8 max
- 30.74 max
- 26.1 max
- 58 max

**Boot:**
- Colour black
- Inflammability: V1 (UL94)

**Body:**
- Brass
- Nickel plated

**GENERAL**

- **Type:** IEC 1754-2 Type BFDC/2.5 - "ST2"
- Ceramic Zirconia Ferrule 20 mm pre-radius
- Bayonet latching system

- **Fibre:** Multimode 62.5/125
- **Cable:** Cable Ø2.7 to 3 mm (Hex. 3.84)

- **Wiring:** ASSEMBLY PROCEDURE 503 06 390
  - For a tight cable Ø2 with aramid strength member and a coated fiber Ø0.9:
  - See procedure F709PC02
  - For a loose cable Ø3 with aramid strength member, a tube Ø0.6/1 and a coated fiber Ø0.25:
  - See procedure F709PC30
  - For a coated fiber Ø0.9:
  - See procedure F709PC01
  - For a coated fiber Ø0.25 inside a tube Ø0.6/1:
  - See procedure F709PC32

**CHARACTERISTICS**

(Depending on fibre or cable construction)

- **Optical:** Typical insertion loss (IEC 1300-3-4, Methode B or CECC 86000 Methode 7) with adaptor F7097300000 at 850 nm (LED)
  - Typical: 0.25 dB
  - Standard deviation: 0.11 dB
  - Reproductibility: 0.05 dB
  - Return loss (IEC 61300-3-6 Methode B or CECC Methode 3, OTDR):
  - >30 dB (PC)

- **Mechanical:**
  - Mating life: 500 mating cycles
  - Fibre retention: 5 N
  - Cable retention: 100 N
  - Vibrations: 10-55Hz, 1.5 mm

- **Environmental:**
  - Climatic category: 25/70/4 0.2 dB

**Creation**

- **N°:** EPF 9752
- **Name:** CAUSSE C
- **Date:** 10-23-98
- **Verif.:** VALENCIA

- **Issue:** 06-04-00 Change of protective cap
- **Revision:** VALENCIA

This information is intended as a guide only. To ensure a continuing policy of product improvement, RADIALL reserves the right to modify its specifications without prior notification.