### TECHNICAL DATA SHEET

**F 709 024 XXX**

**Title:** ST2 MULTIMODE PLUG ø128+ ø CERAMIC FERRULE CABLE ø3 MAX

**Packaging:**
- Single: F 709 024 000
- Pack of 100: F 709 024 200

**Dimensions:**
- Ø0.128 max
- Ø4.55 max
- 30.74 max
- 26.1 max
- 34.8 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 08 390
  - 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 F709730000 at 850 nm (LED)
  - Typical: 0.25 dB
  - Standard deviation: 0.11 dB
  - Reproducibility: 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

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**CREATION**

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

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*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.*