



RADIAL[®]
Fibre Optic Components

TECHNICAL DATA SHEET

F 709 023 XXX

Titre: ST2 MULTIMODE PLUG $\varnothing 128 \mu\text{m}$ CERAMIC FERRULE CABLE $\varnothing 2.7$ to 3

Series
F709

Issue:
03-17-99

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PACKAGING :

SINGLE

F 709 023 000

PACK OF 100

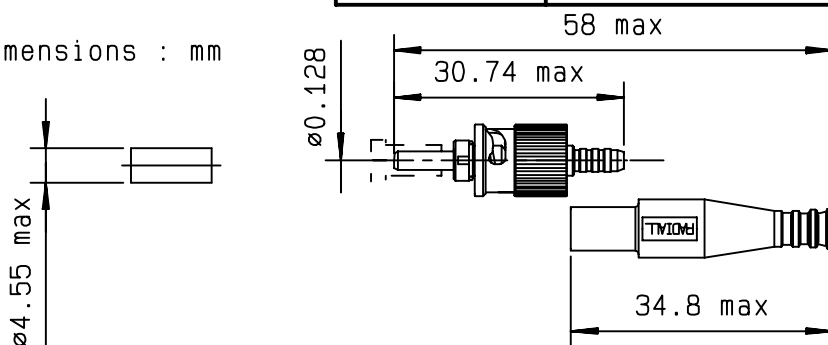
F 709 023 200

PACK OF 1000

F 709 023 201

mm to inch : 0.03937

Dimensions : mm



BOOT :

- COLOUR BLACK
- INFLAMMABILITY : V1 (UL94)
- MATERIAL IN ACCORDANCE WITH BELLCORE GR 326 CORE Issue 2, par. 3.3.1

BODY :

- BRASS
- NICKEL PLATED

GENERAL

TYPE : - IEC 1754-2 Type BFOC/2.5 - "ST2"

- Ceramic Zirconia ferrule 20 mm pre-radius
- Bayonet latching system

FIBRE : - Multimode 62.5/125

CABLE : - Cable $\varnothing 2.7$ to 3 mm (Hex. 3.84)

WIRING : ASSEMBLY PROCEDURE 503 08 390

- For a tight cable $\varnothing 2$ with aramid strength member and a coated fiber $\varnothing 0.9$:
----- See procedure F709PC02
- For a loose cable $\varnothing 3$ with aramid strength member, a tube $\varnothing 0.6/1$ and a coated fiber $\varnothing 0.25$:-----See procedure F709PC30

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 : 0.08 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

CREATION

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

06/04/00

Change of protective cap

Lahera R

03-17-99

ASSEMBLY PROCEDURE REFERENCE

VALENCIA

10-23-98

First issue

VALENCIA

Issue

Revisions

Name

Approved