



RADIAL®
Fibre Optic Components

TECHNICAL DATA SHEET

F 709 034 200

Titre: ST2 SINGLEMODE PLUG $\varnothing 126\mu\text{m}$ CERAMIC FERRULE CABLE $\varnothing 3$ MAX

PACKAGING : PACK OF 100

Series

F709

Issue:

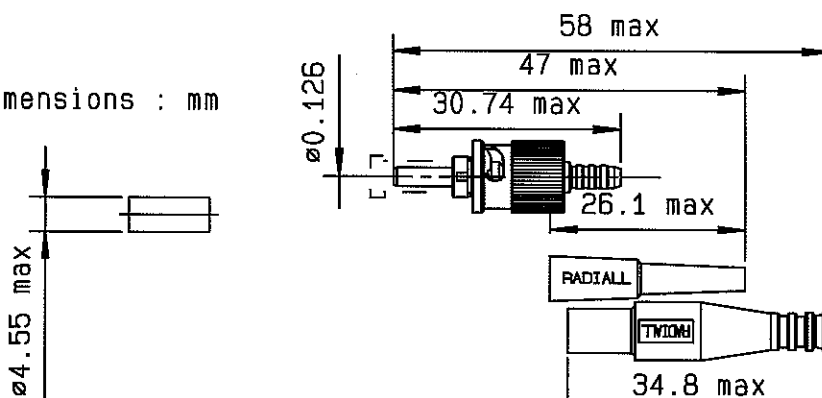
06-04-00

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mm to inch : 0.03937

Dimensions : mm



BOOT :

- COLOUR BLACK
- INFLAMMABILITY : V1 (UL94)

BODY :

- BRASS
- NICKEL PLATED

GENERAL

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

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

FIBRE : - Singlemode 8.5/125

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
- For a coated fiber $\varnothing 0.9$:----- See procedure F709PC01
- For a coated fiber $\varnothing 0.25$ inside a tube $\varnothing 0.6/1$:----- 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 1300 nm

- 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

CREATION

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

06/04/00	Change protective cap	Iahera R	
03-17-99	ASSEMBLY PROCEDURE REFERENCE	VALENCIA	
10-23-98	First issue	VALENCIA	
Issue	Revisions	Name	Approved

Mouser Electronics

Authorized Distributor

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