



RADIAL
Fibre Optic Components

TECHNICAL DATA SHEET

F 709 097 XXX

Titre: ST2 MULTIMODE PLUG \varnothing 128 mm CERAMIC FERRULE CABLE \varnothing 2 to 2.2

Series
F709

Issue:
06-04-00

Page
1/1

PACKAGING : SINGLE

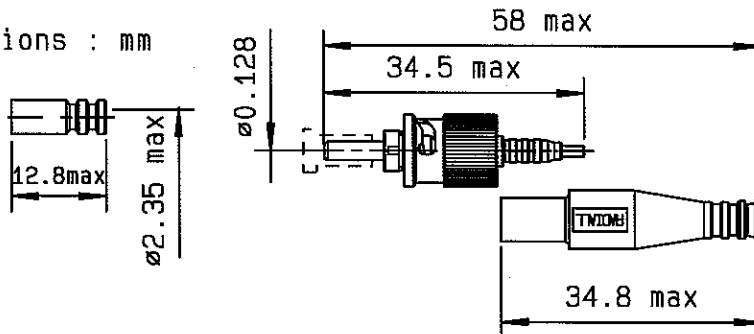
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PACK OF 100

F 709 097 200

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 to 2.2 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 F709PC39

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.

- 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
- Jacket retention : 10 N (depending of the material)
- Vibrations : 10-55Hz, 1.5 mm

ENVIRONMENTAL:- Climatic category : 25/70/4 0.2 dB

CREATION

N° : EPF 9752-2
Name : BECAVIN K.
Date : 08-11-98
Verif.: VALENCIA

06-04-00	Change protective cap	LAHERA	15
03-17-99	ASSEMBLY PROCEDURE REFERENCE	VALENCIA	
08-11-98	First issue	VALENCIA	
Issue	Revisions	Name	Approved

Mouser Electronics

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Radial:

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