



Title **STANDARD MULTIMODE PLUG for a coated fiber  
DIA 900 µm alone or with a tigth cable**

Series  
EC

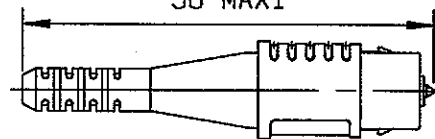
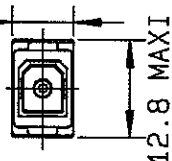
Issue:  
01 21 98

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Dimensions : mm

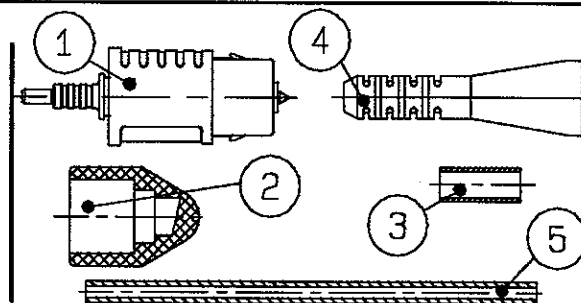
7.68 MAXI

56 MAXI



**CONTENTS**

- 1- Plug housing (beige colour)  
+optical ferrule DIA 128 µm  $\pm$  0.2 mm
- 2- Protective cap
- 3- Ferrule
- 4- Boot
- 5- Tube



**GENERAL**

- TYPE: -European Norm: EN 186 210 type CF08
- WIRING: -Keyed push pull latching system with sphere/cone alignment
- For a coated fiber DIA 250 µm -----see F 715 PC 02
- For a coated fiber DIA 900 µm -----see F 715 PC 03
- For a tigth cable 2.2 DIA to 3.2 DIA mm with aramid strength members and a coated fiber DIA 900 µm -----see F 715 PC 05
- For a loose cable 2.2 DIA to 3.2 DIA mm with aramid strength a tube 0.6x1 DIA and a coated fiber 250 DIA µm -see F 715 PC 09
- FIBER: -Multimode dia 62.5/125 µm  $\pm$  2 µm. ON = 0.2 at 850 nm.
- CLEANING: -See "Current service" procedure included in the maintenance Kit F 780 531 000
- INSTALLATION: -Polishings after bonding

**CHARACTERISTICS**

(Depending on fibre or cable construction)

- OPTICAL: -Insertion loss at 850 nm (attenuation plug mated with reference plug IEC 874-1 § 4.4.7 method 7):  
mean < 0.15 dB; standard deviation < 0.09 dB
- Insertion loss at 850 nm (attenuation of random mated connectors IEC 1300-3-34):  
mean < 0.30 dB; standard deviation < 0.12 dB
- MECANICAL: -Return loss of a complete connection > 50 dB
- Mechanical endurance = 1000 mating cycles
- Fiber pulling = 5 N
- Cable pulling = 100 N(Aramid strength members)
- Vibration = 10/500 Hz - 10 g max
- Shock = 100 g/10 ms
- Drop = 8 falls/1.5 meter/concrete
- CLIMATIC: -Service temperature = -25 / +70 ° C
- Storage temperature limit = -40 /+85 ° C
- Salt mist = 96 hours
- Dust = EN 186 000 § 4.5.27

**CREATION**

N° : NONE  
Name : BOUYER  
Date : 07 22 91  
Verif.: E.G.d'A

Issue	Revisions	Name	Approved
01 21 98	Beige colour - Modif. 98015	E.G.d'A	<i>E.G.d'A</i>
06 13 98	drawing done again - modif. 94 095	E.G.d'A	-