

FEMALE BULLET PF-BF

polycarbonate insulated terminals - partially reinforced with copper sleeve

The PC insulated disconnect terminals has been designed, to meet the increasing demands for improved safety and reliability of electrical connectors.

The polycarbonate insulation, is a halogen free, self extinguishing thermoplastic material class V0 (UL 94). The unique funnel shaped entry of the insulation sleeve, guarantees total insertion of the conductor strands into the terminal barrel, creating a secure and reliable, electrical and mechanical connection.



Technical details:

- >The connectors are manufactured from brass P-Cu Zn 30 UNI 4895/1962 (corresponding to: Cu Zn 30 DIN 17660/1974 ; Cu Zn 30 NF A51-101/1977) according to IEC 760 norms and are tin plated with a minimum thickness of 3µm.
- >The reinforcement tube is made of copper SF Cu DIN 1787/1973, F25

Main characteristics of the PC sleeves:

- >DIELECTRIC STRENGTH (KV/mm): >30
- >VOLUME RESISTIVITY (Ω/cm): >10¹⁶
- >MAX OPERATING TEMPERATURE (°C): 115÷130
- >FLAMMABILITY (UL-94): V0
- >DENSITY (g/cm³): 1,2
- >WATER ABSORPTION (%): 0,15
- >BREAKING LOAD (N/mm²): >65

The connectors can be used within the following temperature range: - 20 ÷ + 115 °C (Surge + 130° C)

CERTIFICATES 



According to UL 486A standard (file E212000)



2011/65/EU

FEMALE BULLET PF-BF

Technical characteristics

Dimensional form	Female socket connector
Material (Body)	Electrolytically tin-plated brass
Material (Partially reinforced)	ETP Copper electrolytically tinned
Material (fully insulated)	PVC
Halogen Free	yes
Min operating temperature range	-4 °F
Max operating temperature range	239 °F
Min operating temperature range (surge)	266 °F



FEMALE BULLET PF-BF

List of products

PF-BF Cable type: flexible copper, Minimum section: 22 AWG, Maximum section: 16 AWG

Type	Length	Pack qty	Min. pack qty	Internal diameter	
RPF-BF5/32	0.16 in.	1,000	100		

PF-BF Cable type: copper, Minimum section: 22 AWG, Maximum section: 16 AWG

Type	Length	Pack qty	Min. pack qty	Internal diameter	
RPF-BF5/32	0.16 in.	1,000	100		