

**BUTT CONNECTORS NL-M SERIES - PA6.6 INSULATED
for copper conductors**



Description:

- Butt connectors NL-M series are particularly recommended for use with flexible conductors.
- Manufactured from electrolytic copper tube Cu-OF CW008A conform to UNI EN 13600:2003.
- Connectors are electrolytically tin plated with a minimum thickness of 3µm to avoid oxidation.
- Annealed to guarantee optimum ductility which is an absolute necessity for connectors which will have to withstand the severe deformation arising when compressed.
- The interior of the PA6.6 insulation sleeve is funnel shaped so as to ensure complete and easy introduction of the conductor strands.
The PA6.6 insulated sleeve eliminates the need to insulate the terminal by either taping or using heat shrinkable tubes. Furthermore the PA6.6 sleeve avoids the possibility of conductor breakage at the barrel entrance.

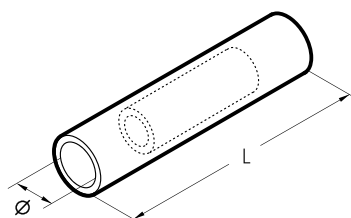
• Main characteristics of the PA6.6 sleeves:






- DIELECTRIC STRENGTH (KV/mm) : >16,5
- VOLUME RESISTIVITY (Ω • cm) : >10¹³
- MAX OPERATING TEMPERATURE (°C) : 115-130
- FLAMMABILITY (UL-94) : V-2
- DENSITY (g/cm³) : 1,14
- WATER ABSORPTION (%) : 1,5
- BREAKING LOAD (N/mm²) : 77

- The close end connectors can be used within the following temperature range: - 20 ÷ + 115°C (Surge + 130° C)
- The close end connectors can be stored at a minimum temperature not below - 40°C.

Markings:

 - **BT Directive 2006/95/CE**
- **Conform to products norm CEI EN 60352-2**



Cond. Size sqmm (AWG)		Ref.	Øi mm	L mm	Quantity Box/Bag
0,25÷1,5 (22÷16)		NL 03-M	4,0	25,0	2.000/100
1,5÷2,5 (16÷14)		NL 06-M	5,4	25,5	1.500/100
4÷6 (12÷10)		NL 1-M	5,4	32,0	1.000/100
10 (8÷7)		NL 2-M	6,8	43,0	500/100
16 (6÷5)		NL 3-M	7,9	44,0	500/100

Cembre SpA

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