

**BUTT AND PARALLEL CONNECTORS PVC INSULATED  
for copper conductors**

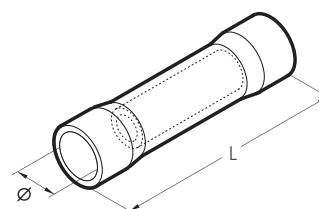


**Description:**

- Butt connectors PL series are particularly recommended for use with flexible conductors.
- Manufactured from electrolytic copper tube Cu-OF CW008A according to 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 PVC insulated sleeve eliminates the need to insulate the terminal by either taping or using heat shrinkable tubes. Furthermore the PVC sleeve avoids the possibility of conductor breakage at the barrel entrance.
- Main characteristics of the PVC sleeves:
  - DIELECTRIC STRENGTH (KV/mm) : >35
  - VOLUME RESISTIVITY (Ω/cm) : >10<sup>15</sup>
  - MAX OPERATING TEMPERATURE (°C) : 80
  - FLAMMABILITY' (UL-94) : V0
  - DENSITY (g/cm<sup>3</sup>) : 1,4
  - WATER ABSORPTION (%) : 0,1÷0,6
  - BREAKING LOAD (N/mm<sup>2</sup>) : 45÷50
- The butt and parallel connectors can be used within the following temperature range: - 20 ÷ + 80 °C (Surge + 90° C)
- The butt and parallel connectors can be stored at a minimum temperature not below - 40°C.

**Markings:**

According to UL 486A standard (file E125401)



	Cond. Size sqmm (AWG)		Ref.	Ø mm	L mm	Quantity Box/Bag
<b>butt connectors</b>	0,2÷0,5 (24÷20)		PL 01-M*	3,0	25	3.000/100
	0,25÷1,5 (22÷16)		PL 03-M	4,0	25	2.000/100
	1,5÷2,5 (16÷14)		PL 06-M	5,0	25	1.500/100
	4÷6 (12÷10)		PL 1-M	6,5	32	500/100
<b>parallel connectors</b>	0,25÷1,5 (22÷16)		PL 03-P*	4,0	20	3.000/100
	1,5÷2,5 (16÷14)		PL 06-P*	5,0	16	2.000/100

\* Not UL approved

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