

SPT-R

Flexible Parallel Copper Millimetric



Descripción

The SPT-R is a flexible duplex parallel copper conductor, the cores are made of soft wires twisted Class 5 insulated with thermoplastic polyvinyl chloride (PVC) with a holding membrane allowing ease of separation.

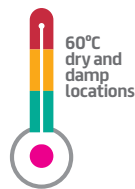
Standard Specifications

The SPT-R conductors are built based on the following:

- Standards: **IEC 60228** and **NTC 5521**.

Features

- The SPT-R is designed to operate at 60°C maximum temperature in dry and damp environments at 300 V maximum.
- The SPT-R conductor is manufactured from 18 AWG (0,519 mm²) to 10 AWG (5.26mm²) gauges in white, black grey and brown insulation.
- The conductor complies with RoHS (*Restriction of Hazardous Substances*) regulation.
- The lead-free PVC insulation is ecologically friendly.



Applications

- The SPT-R is widely used in home portable lamps, hanging lights and appliances. Widely used as temporary extension connections.
- Recommended and non-recommended applications:
 - Should not be used in substitution of fixed electrical circuits of switches or outlets among other house circuits.
 - Should not be left inside walls, floors or ceiling.
 - Should not be installed on wall, floors or ceiling perforations.
 - Should not be installed trough doors, windows or similar openings where the cable may be damaged by sharp or pointy edges.
 - Should not be stapled or nailed to the structures during installation.
 - Should not be installed in electrical conduits unless allowed by the code.
 - The live conductor identified by surface ident markings on the insulation should not be connected to exposed metal surfaces on lamps or appliances.

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Technical Information

Dimensions and nominal features

The conductor operating amperage is defined by the installation conditions and operating temperatures

Gauge	Insulation Thickness		Height		Width		Weight	DC Max. @ 20°C Resistance
	mm ²	in	mm	in	mm	in		
1	0,025	0,635	0,106	2,693	0,207	5,258	29,411	19,50
1,5	0,025	0,635	0,115	2,912	0,224	5,697	37,998	13,30
2,5	0,025	0,635	0,132	3,360	0,265	6,720	56,903	7,98
4	0,025	0,635	0,156	3,955	0,311	7,910	84,498	4,95
6	0,030	0,762	0,184	4,671	0,393	9,978	136,192	3,30

Note: The values given may vary according to the manufacturing tolerances



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