



Soft copper flexible conductor PVC insulated.

STANDARDS

National NTC 359; NTC 5521

APPLICATION

Light service cord, installations and portable connections. Open installation on portable extensions with terminals.

Note: Any other application or use not described above is considered prohibited.

Construction

Conductor

Two flexible soft copper conductors arranged in parallel.

Insulation

Insulation in polyvinyl chloride (PVC) flame retardant (FR), resistant to abrasion, heat and humidity. Compound free of hazardous substances (RoHS).



CONTACT

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APPLICABLE STANDARDS

- NTC 5521
- NTC 359

Certificate

RETIE N° 3263 RETIE N°

2004

Operationg Temperature

60°C **Operating Voltage**

300 V

Identification

- Polarization ridges in one of the conductors.
- Insulation in white, black and black/red colors.



Conductor flexibility
Flexible



Cable flexibility
Flexible



Maximum operating temperature
60°C



RoHS compliant
Yes

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CHARACTERISTICS

Construction characteristics

Insulation	PVC
Conductor flexibility	Flexible
Conductor material	Copper
Conductor shape	Round, stranded

Dimensional characteristics

Number of cores	2
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Electrical characteristics

Operating voltage	300 V
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Mechanical characteristics

Cable flexibility	Flexible
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Usage characteristics

Maximum operating temperature	60 °C
RoHS compliant	Yes

CHARACTERISTIC TABLE

Name	Cross section [mm ²]	Nom.insulation thick. [mm]	Height [mm]	Width [mm]	Approx. weight [kg/km]	Max. DC Resist. 20°C [Ohm/km]	Cond. Ampacity [A]
2x20 AWG	0.517	0.51	2.1	4.24	20	34.7	7.0
2x18 AWG	0.821	0.64	2.6	5.14	29	21.9	10.0
2x16 AWG	1.31	0.64	2.9	5.8	41	13.71	13.0
2x14 AWG	2.08	0.64	3.3	6.64	59	8.61	18.0
2x12 AWG	3.31	0.64	3.8	7.64	86	5.42	25.0
2x10 AWG	5.23	0.76	4.5	8.6	121	3.41	30.0



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Maximum operating temperature
60°C



RoHS compliant
Yes

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AMPACITY CONDITIONS

- Ampacity to ambient temperature 30°C. No more than three current-carrying conductors. NTC 5521, NTC 2050 Table 400.5(A)(1).

NOTE:

- The data reported here are nominal and are subject to tolerances according to standards and normal manufacturing practices.
- Other configurations not specified in this catalog may be available under special request and minimum manufacturing quantities.

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