



Nexans
Ref.: CNCP11A2002WVHF
Country Ref.: 3146.2
EAN 13: 9416079070638

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Cu conductors PVC insulation, PVC sheath. 450/750 V. Made to AS/NZS 5000.2

STANDARDS

Product AS/NZS 5000.2

CURRENT is a two core and earth cable (twin and earth) designed for general purpose power and lighting applications. The classic white sheath is easy to strip and install, making this staple electrical cable our top seller.

Applications:

- General application: domestic, commercial, industrial
- Fixed applications

CHARACTERISTICS

Construction characteristics

Pilot wires	None
Sheath colour	White
With Green/Yellow core	Yes
Conductor material	Copper
Insulation	PVC
Outer sheath	PVC
Conductor flexibility	Class 2
Conductor shape	Circular
Core identification	Red, Black, Green/Yellow
Type of conductor	Circular, stranded
Wire colour	-
With smaller neutral conductor	No

Dimensional characteristics

Conductor cross-section	6 mm ²
Earth conductor cross section	2.5 mm ²
Nominal overall diameter	6.9 x 16.4
Approximate weight	0.27 kg/m
Neutral conductor section (when smaller)	- mm ²
Number of cores	2

Electrical characteristics

Max. DC resistance of the conductor at 20°C (Ohm/km)	3.08
Rated Voltage U _o /U	450/750 V
Rated Voltage U _o /U (U _m)	450/750 V

Mechanical characteristics

Cable flexibility	Rigid
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Usage characteristics

Max. conductor temperature in service	75 °C
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CURRENT CARRYING CAPACITIES SINGLE PHASE (IN AMPS) - TPS - 2 CORES AND 2 CORES PLUS EARTH

PVC insulation For cables up to and including 450/750 V @ 50 Hz AC.

Conductor cross-section [mm ²]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
6	52	50	44	55	55	25
 Air Spaced from Surface, Unenclosed	 Air touching, unenclosed		 Air enclosed			
 Buried direct	 Buried in single-way duct		 Cable surrounded by thermal insulation unenclosed			

Note

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Please refer to the complete Standard for full details available for purchase from Standards New Zealand at www.standards.co.nz.

The values are for typical New Zealand installation conditions of:

- Ambient Air Temperature:30°C

SELLING AND DELIVERY INFORMATION

PEP and EPD available