

Remolex Cables

CU REMOLEX 3X 6+2.5E

Nexans Ref.: ENHP11AA003CXRJ

Country Ref.: 8214

Cu Conductors, PVC insulation, Laid up, Black PVC sheath, 450/750 V. Made to AS/NZS 5000.2. Circular multicore with integral earth.

DESCRIPTION

Application

- Industrial, commercial and domestic applications
- Small mains cables.



STANDARDS

National AS/NZS 5000.2

CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Type of conductor	Circular, stranded
Insulation	PVC
Outer sheath	PVC
Core identification	Red, White, Blue, Green/Yellow
With Green/Yellow core	Yes
With smaller neutral conductor	No

Dimensional characteristics

Number of cores	4
Conductor cross-section	6 mm ²
Earth conductor cross section	2.5 mm ²
Nominal overall diameter	14.6 mm
Gland Size (A2 or A2F)	25
Approximate weight	0.4 kg/m
Neutral conductor section (when smaller)	- mm ²

Electrical characteristics

Max. DC resistance of the conductor at 20°C (Ohm/km)	3.08
Rated Voltage U ₀ /U	450/750 V
Rated Voltage U ₀ /U (U _m)	450 / 750 V

Mechanical characteristics

Cable flexibility	Rigid
-------------------	-------

Usage characteristics

Max. conductor temperature in service	75 °C
U.V resistance	Yes

CURRENT CARRYING CAPACITIES THREE PHASE (IN AMPS) - THREE & FOUR CORE REMOLEX PVC

Copper conductor Circular stranded Insulation PVC Max. Conductor Temperature 75C

Conductor cross-section [mm ²]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
6	46	42	38	46	46	22
 Air Spaced from Surface, Unenclosed	 Air touching, unenclosed	 Air enclosed				
 Buried direct	 Buried in single-way duct	 Cable surrounded by thermal insulation, unenclosed				

Note

© Copyright Standards New Zealand 2012.

Content in this table and the typical New Zealand installation conditions are derived from AS/NZS 3008.1.2:2010 and has been reproduced or adapted with permission from Standards New Zealand under Copyright Licence 000926. Please refer to the complete Standard for full details available for purchase from Standards New Zealand at

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 5/11/21 www.nexans.co.nz Page 2 / 3

Remolex Cables

CU REMOLEX 3X 6+2.5E

www.standards.co.nz.

The values are for typical New Zealand installation conditions of:

- Ambient Air Temperature: 30°C
- Soil Temperature: 15°C
- Soil Thermal Resistivity: 1.2 K.m/W
- Depth of Burial: 0.5 m