

# Remolex Cables

CU REMOLEX 3X 16+6E

## Contact

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**Nexans Ref.:** ENHP15AA003CXRJ

**Country Ref.:** 5101

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	16 mm <sup>2</sup>
Earth conductor cross section	6 mm <sup>2</sup>
Nominal overall diameter	20.7 mm
Gland Size (A2 or A2F)	32
Approximate weight	0.81 kg/m
Neutral conductor section (when smaller)	- mm <sup>2</sup>

#### Electrical characteristics

Max. DC resistance of the conductor at 20°C (Ohm/km)	1.15
Rated Voltage U <sub>0</sub> /U	450/750 V
Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	450 / 750 V

#### Mechanical characteristics













Cable flexibility	Rigid
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#### 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 <sup>2</sup> ]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
16	82	78	66	106	80	39
 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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Generated 11/11/21 www.nexans.co.nz Page 2 / 3

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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