

Nexans Ref.: ENHP09AA003CXRJ

Country Ref.: 1750

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	4 mm ²
Earth conductor cross section	2.5 mm ²
Nominal overall diameter	12.4 mm
Gland Size (A2 or A2F)	20
Approximate weight	0.27 kg/m
Neutral conductor section (when smaller)	- mm ²

Electrical characteristics

Max. DC resistance of the conductor at 20°C (Ohm/km)	4.61
Rated Voltage U ₀ /U	450/750 V
Rated Voltage U ₀ /U (U _m)	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 ²]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
4	35	33	29	36	36	17
 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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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