Contact

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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

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# **Remolex Cables**

CU REMOLEX 3X 4+2.5E

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## **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 mm²				
	Earth conductor cross section	2.5 mm <sup>2</sup>				
	Nominal overall diameter	12.4 mm				
	Gland Size (A2 or A2F)	20				
	Approximate weight	0.27 kg/m				
	Neutral conductor section (when smaller)	- mm²				
	Electrical characteristics					
	Max. DC resistance of the conductor at 20°C (Ohm/km)	4.61				
	Rated Voltage Uo/U	450/750 V				
	Rated Voltage Uo/U (Um)	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 [mm²]	⊗ Cu	⊗ Cu	Cu	Cu	Cu	Cu	
4	35	33	29	36	36	17	
Air Spaced from Surface, Unenclosed	🛞 Air	Air touching, unenclosed			closed		
Buried direct	Bu	ried in single-wa	ay duct		surrounded by tion, unenclose		

#### Note

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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

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