

Circular PVC Multicore Remolex® Cables



Wire & Cable Specification

Construction	
Standard	AS/NZS 5000.2
Voltage	450/750 V
Conductor	Copper
Insulation	PVC
Sheath	PVC

Item Codes

Material No.	Old Code	Cores x Area mm ²	Sheath	Nom Dia mm	Gland Size A2 or A2F	Approx Mass kg/m
Two Core Plus Earth						
CNHQ05AA002CXHF	4948	2 x 1.5 + 1.5 E	BK	8.9	20S	0.12
CNHP07AA002CXHF	5312	2 x 2.5 + 2.5 E	BK	10.0	20S	0.17
CNHP09AA002CXHF	1024	2 x 4 + 2.5 E	BK	11.3	20	0.21
CNHP11AA002CXHF	2160	2 x 6 + 2.5 E	BK	12.2	20	0.26
CNHP15AA002CXHF	9617	2 x 16 + 6 E	BK	18.7	25	0.61
Three Core Plus Earth						
ENHQ05AA003CXRJ	3145	3 x 1.5 + 1.5 E	BK	9.7	20S	0.15
ENHP07AA003CXRJ	6978	3 x 2.5 + 2.5 E	BK	11.0	20S	0.21
ENHP09AA003CXRJ	1750	3 x 4 + 2.5 E	BK	12.4	20	0.27
ENHP11AA003CXRJ	8214	3 x 6 + 2.5 E	BK	14.6	25	0.40
ENHP13AA003CXRJ	7025	3 x 10 + 4 E	BK	16.6	25	0.54
ENHP15AA003CXRJ	5101	3 x 16 + 6 E	BK	20.7	32	0.81
Four Core Plus Earth						
GNHQ05AA004CXEM	4131	4 x 1.5 + 1.5 E	BK	10.6	20	0.18
GNHP07AA004CXEM	7325	4 x 2.5 + 2.5 E	BK	12.1	25	0.25
GNHP09AA004CXEN	9465	4 x 4 + 2.5 E	BK	14.0	25	0.34





Core Colours

No. Cores	Colour
3	RD, BK, GNYE
4	RD, WH, BU, GNYE
5	RD, WH, BU, BK, GNYE

Note: Conductors 1.5 mm² and above are circular stranded.

continued

Technical Information (Current Rating)

Conductor Size mm ²	Unenclosed				Voltage Drop mV/A.m	
	Spaced from Surface		Touching			
						
	Single Phase	Three Phase	Single Phase	Three Phase	Single Phase	Three Phase
1.5	22	18	21	17	33.00	28.60
2.5	31	26	30	25	18.00	15.60
4	42	35	39	33	11.20	9.71
6	52	46	50	42	7.50	6.49
10	73	62	68	58	4.46	3.86
16	97	82	91	78	2.81	2.43

Note:

The values in this table have been obtained from AS/NZS 3008.1.2:1998 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