

Cu Vintols



Wire & Cable Specification

Construction	
Standard	AS/NZS 5000.1
Voltage	0.6/1 kV
Conductor	Copper
Insulation	PVC
Sheath	PVC

Item Codes

Material No.	Old Code	Area mm ²	Sheath	Nom Dia mm	Gland Size A2 or A2F	Approx Mass kg/m
BABP09AA001OMNA	2642	4	OG	7.7	20S/16	0.10
BABP16AA001CXNA	8124	25	BK	11.8	20	0.35
BABP16AA001BFNA	4321	25	BU	11.8	20	0.35
BABP16AA001JBNA	7522	25	RD	11.8	20	0.35
BABP16AA001WVNA	6139	25	WH	11.8	20	0.35
BABP18AA001CXNA	3844	35	BK	13.0	20	0.45
BABP18AA001BFNA	9624	35	BU	13.0	20	0.45
BABP18AA001JBNA	8058	35	RD	13.0	20	0.45
BABP18AA001WVNA	8224	35	WH	13.0	20	0.45
BABP20AA001CXNA	1693	70	BK	16.4	25	0.82
BABP20AA001BFNA	7116	70	BU	16.4	25	0.82
BABP20AA001JBNA	8611	70	RD	16.4	25	0.82
BABP20AA001WVNA	9981	70	WH	16.4	25	0.82

Note: Conductors are circular stranded.

continued

Technical Information (Current Rating)

Conductor Size mm ²	Unenclosed				Buried Direct		Underground Ducts		Voltage Drop mV/A.m	
	Spaced from Surface		Touching		Single Phase	Three Phase	Single Phase	Three Phase		
	Single Phase	Three Phase	Single Phase	Three Phase						
4	44	38	35	35	62	54	46	41	11.200	9.710
25	137	120	111	111	176	149	132	116	1.780	1.540
35	165	143	137	137	209	176	160	138	1.290	1.120
50	200	177	165	165	248	209	187	165	0.963	0.834
70	257	222	211	211	303	259	231	204	0.680	0.589

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

Olex New Zealand Limited Head Office Paraita Road Bell Block New Plymouth New Zealand
 Phone 0800 OLEX NZ (653 969) Website www.olex.co.nz

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