

Aluminium Vintols



Wire & Cable Specification

Construction	
Standard	AS/NZS 5000.1
Voltage	0.6/1 kV
Conductor	Aluminium
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
BABA20AA001CXNA	2877	70	BK	16.4	25	0.39
BABA20AA001BFNA	2684	70	BU	16.4	25	0.39
BABA20AA001JBNA	8949	70	RD	16.4	25	0.39
BABA20AA001WVNA	3493	70	WH	16.4	25	0.39
BABA21AA001CXNA	5065	95	BK	19.0	25	0.52
BABA21AA001BFNA	8568	95	BU	19.0	25	0.52
BABA21AA001JBNA	5433	95	RD	19.0	25	0.52
BABA21AA001WVNA	8295	95	WH	19.0	25	0.52
BABA23AA001CXNA	4679	120	BK	20.7	32	0.62
BABA23AA001BFNA	7218	120	BU	20.7	32	0.62
BABA23AA001JBNA	5360	120	RD	20.7	32	0.62
BABA23AA001WVNA	3709	120	WH	20.7	32	0.62
BABA25AA001CXNA	6464	185	BK	25.1	32	0.92
BABA25AA001BFNA	9940	185	BU	25.1	32	0.92
BABA25AA001JBNA	7192	185	RD	25.1	32	0.92
BABA25AA001WVNA	4079	185	WH	25.1	32	0.92
BABH26AA001CXNA	6944	240 *	BK	26.8	40	1.11
BABH26AA001BFNA	4464	240 *	BU	26.8	40	1.11
BABH26AA001JBNA	2929	240 *	RD	26.8	40	1.11
BABH26AA001WVNA	5520	240 *	WH	26.8	40	1.11

Note: Conductors are circular stranded.

* Compact 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						
70	200	177	165	165	237	198	182	160	1.100	0.956
95	245	217	205	205	281	237	220	193	0.804	0.702
120	285	257	239	239	325	270	253	220	0.644	0.565
150	325	291	274	274	363	303	286	253	0.535	0.472
185	376	342	319	319	413	341	330	286	0.439	0.391
240	450	405	382	376	479	402	385	336	0.352	0.319

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

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