

Aluminium PVC UDG Single Core (Named)



Wire & Cable Specification

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

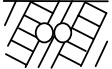
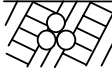
Item Codes

Material No.	Old Code	Code Name	Area mm ²	Sheath	Nom Dia mm	Approx Mass kg/m
BABA42AA001CXNA	5998	Namu	24	BK	11.8	0.19
-	5277	Namu	24	BU	11.8	0.19
BABA42AA001JBNA	4358	Namu	24	RD	11.8	0.19
-	3497	Namu	24	WH	11.8	0.19
BABA42AA001PPNA	7436	Namu	24	VT	11.8	0.19
BABA44AA001CXNA	4762	Kutu	49	BK	14.9	0.32
BABA44AA001BFNA	2739	Kutu	49	BU	14.9	0.32
BABA44AA001JBNA	3369	Kutu	49	RD	14.9	0.32
BABA44AA001WVNA	5771	Kutu	49	WH	14.9	0.32
BABA46AA001CXNA	1994	Beetle	106	BK	19.8	0.57
BABA46AA001BFNA	4369	Beetle	106	BU	19.8	0.57
BABA46AA001JBNA	3177	Beetle	106	RD	19.8	0.57
BABA46AA001WVNA	4847	Beetle	106	WH	19.8	0.57
BABA47AA001CXBK	5622	Weta	167	BK BK	23.6	0.82
BABA47AA001CXRD	3863	Weta	167	RD BK	23.6	0.82

Note: Conductors are circular stranded.

continued

Technical Information (Current Rating)

Conductor Size mm ²	Buried Direct		Voltage Drop mV/A.m	
			Single Phase	Three Phase (Trefoil)
Namu (24)	128	110	3.040	2.630
Kutu (49)	188	162	1.520	1.320
Beetle (106)	289	247	0.742	0.652
Weta (167)	371	318	0.510	0.450

Note:

The values in this table have been obtained from AS/NZS 3008.1.2:1998 for typical New Zealand installation conditions of:-

Soil Temperature 15°C
 Soil Thermal Resistivity 1.2 K.m/W
 Depth of Burial 1.0 m
 Max Conductor Temperature 75°C

