

Unarmoured Control Cable





Wire & Cable Specification

Construction	
Standard	NZS 6401
Voltage	0.6/1 kV
Conductor	Copper
Insulation	PVC (numbered cores)
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
Conductor Size 1.5 mm²						
DAHQ05NN002CXWW	2481	2 x 1.5	BK	7.9	20/16	0.10
FAHQ05NN003CXWW	1134	3 x 1.5	BK	8.3	20S	0.11
HAHQ05NN004CXWW	4258	4 x 1.5	BK	9.1	20S	0.14
BPAQ05NN007CXWW	4511	7 x 1.5	BK	10.9	20S	0.22
BPAQ05NN012CXWW	8983	12 x 1.5	BK	14.3	25	0.37
BPAQ05NN019CXWW	3593	19 x 1.5	BK	16.8	25	0.53
BPAQ05NN027CXWW	5035	27 x 1.5	BK	20.9	32	0.70
BPAQ05NN037CXWW	4595	37 x 1.5	BK	23.1	32	0.92
Conductor Size 2.5 mm²						
DAHP07NN002CXWW	4014	2 x 2.5	BK	9.2	20S	0.14
FAHP07NN003CXWW	1328	3 x 2.5	BK	9.8	20S	0.17
HAHP07NN004CXWW	4089	4 x 2.5	BK	10.6	20S	0.20
BPAP07NN007CXWW	2943	7 x 2.5	BK	12.7	20	0.31
BPAP07NN012CXWW	2452	12 x 2.5	BK	16.8	25	0.54
BPAP07NN019CXWW	7667	19 x 2.5	BK	19.8	32	0.78
-	2600	27 x 2.5	BK	24.9	32	1.02

Technical Information (Current Rating)

Conductor Size mm ²	Unenclosed Touching		Voltage Drop mV/A.m	
			Single Phase	Three Phase
	Single Phase	Three Phase	Single Phase	Three Phase
1.5	21	17	33.0	28.6
2.5	30	25	17.7	15.3

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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