

Armoured Control Cable





Wire & Cable Specification

Construction	
Standard	BS 6346
Voltage	0.6/1 kV
Conductor	Copper
Insulation	PVC (numbered cores)
Bedding	PVC
Armour	Galvanised steel wire
Sheath	PVC

Item Codes

Material No.	Old Code	Cores x Area mm ²	Sheath	Nom Dia mm	Gland Size CW or E1FW	Approx Mass kg/m
Conductor Size 1.5 mm²						
DAMQ05NG002CXWW	7655	2 x 1.5	BK	12.4	20S	0.32
FAMQ05NG003CXWW	2059	3 x 1.5	BK	12.9	20S	0.33
HAMQ05NG004CXWW	5841	4 x 1.5	BK	13.7	20S	0.38
BPCQ05NG007CXWW	6688	7 x 1.5	BK	15.4	20	0.49
BPCQ05NG012CXWW	5505	12 x 1.5	BK	19.7	25	0.85
BPCQ05NG019CXWW	2581	19 x 1.5	BK	22.5	25	1.09
BPCQ05NG027CXWW	1421	27 x 1.5	BK	27.5	32	1.57
Conductor Size 2.5 mm²						
FAMP07NG003CXWW	2721	3 x 2.5	BK	14.1	20S	0.41
HAMP07NG004CXWW	5326	4 x 2.5	BK	15.0	20S	0.47
BPCP07NG007CXWW	7223	7 x 2.5	BK	18.0	20	0.73
BPCP07NG012CXWW	4840	12 x 2.5	BK	22.3	25	1.08
BPCP07NG019CXWW	4606	19 x 2.5	BK	26.6	32	1.62
BPCP07NG027CXWW	1848	27 x 2.5	BK	31.2	32	2.05
BPCP07NG037CXWW	7377	37 x 2.5	BK	34.4	40	2.52

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

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