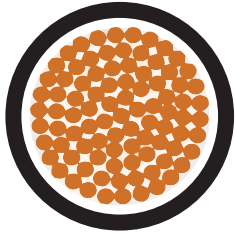


POWER FLEX

POWER FLEX DOUBLE INSULATED POWER AND WELDING CABLE



TECHNICAL DATA

SABS 1574-3








Voltage rating	600/1000 volts
Spark test voltage	6000 volts (rms)
Voltage withstand test	2.5 kV for 10 mins
Current rating	as per table below
Conductor	Annealed PCW class 5
Temperature range	-10°C to 70°C
Insulation	General purpose PVC D3 as per SABC 1411 P2
Sheathing	PVC Nitrile (coloured) D6 as per SABS 1411 P2
Colours	Any colour as per customer request

APPLICATION

This highly flexible class 5 range of power cables is ideally suited where tight bending radiuses are required. This makes it easier to install in confined spaces such as panels. The inner dielectric consists of general purpose PVC bonded to the outer PVC nitrile sheath which has excellent water, oil as well as abrasion resistant properties allowing for use in damp areas and in borehole pumps. Used for flexible applications involving medium mechanical stress like welding applications.

NOTE

Please complete the part no for these cables by replacing the 'xx' with the below designated colors.

XX		
	BK	Black
	RD	Red
	BL	Blue
	GY	Grey
	YE	Yellow
	GN	Green
	G/Y	Green/Yellow

example: H711C1600-BK would be the part no for a 16mm² Black

PROPERTIES

Part No	Size mm ²	Nom. Core Diameter (mm)	Mass (kg/100m)	Current Rating Phase 1 (A)	Current Rating Phase 3 (A)
H711C1600-xx	16	9.6	22.00	76	68
H711C2500-xx	25	10.6	29.50	101	89
H711C3500-xx	35	11.9	40.00	125	110
H711C5000-xx	50	14.5	58.00	151	134
H711C7000-xx	70	17.1	82.00	192	171
H711C9500-xx	95	18.8	106.00	232	207
H711C1200-xx	120	21.5	136.00	269	239
H711C1500-xx	150	24.7	179.50	300	262
H711C1850-xx	185	26.8	220.00	341	296

Consult current ratings for welding cables.

Dimensions and specifications may be changed without prior notice. (RN01)