



X-HF 110 FLEXIBLE BUILDING WIRE

Benefits Low Smoke Halogen (LSHF) - Reduced toxicity in a fire situation
 Higher Temperature Rating 110°C temperature rating allows for higher current carrying capacity
 Flame retardant, low fire load and non-flame propagating
 Higher current ratings compared to PVC flexible cable
 Tinned Copper 1.5mm² to 6mm². Non-Tinned 10mm² & 16mm².

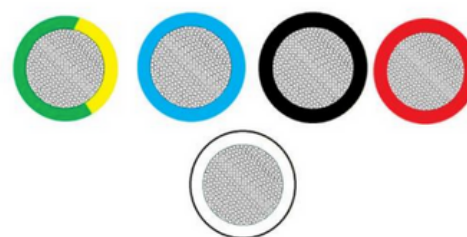
Conductor: Copper class 5 (10mm², 16mm² X-HF-110 Class 6)

Insulation : X-HF-110

Sheath Colour: Black, Blue, Green/Yellow, Red, White

Relevant Standard: AS/NZS 1125
 AS/NZS 3808
 AS/NZS 5000.1
 AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)

Voltage Rating: 0.6/1kV



Physical & Electrical Characteristic

Product Code	Nominal (mm ²)	Dia of con. mm	Thickness of insulation mm	Dia of cable (mm)	Gross weight of cable kg/km
XHF001.5	1.5	1.6	0.7	3.0	22.0
XHF002.5	2.5	2.0	0.7	3.4	32.6
XHF004	4	2.6	0.7	4.0	48.1
XHF006	6	3.5	0.7	4.9	69.2
XHF010	10	4.5	0.7	5.9	108.7
XHF016	16	5.7	0.7	7.1	166.6

Overall Diameter +/- 5% Tolerance



POWERMAC CABLES AUSTRALIA PTY LTD

Technical Data Sheet

Phone: 1800 100 000
 Website: www.powermac.net.au
 Email: sales@powermac.net.au
 Address: 3/260 Musgrave Road
 Coopers Plains, QLD, 4108

➤ Two Single Core – X-HF-110 with maximum conductor temperature of 110°C. Reference ambient temperature: 40°C in air, 25°C. in ground.

Flexible Copper Conductor as per AS/NZS 3008.1.1-2009 Table 6

Current Carrying Capacity A									
Conductor Size mm ²	Unenclosed			Enclosed	Thermal insulation		Buried Direct	Underground wiring enclosure	
	Spaced	Spaced from Surface	Touching	Wiring enclosure in air	Partially Surrounded by thermal insulation	Completely surrounded by thermal insulation			
1	26	26	21	21	-	-	-	24	-
1.5	32	32	26	25	-	-	-	30	-
2.5	43	42	34	33	-	-	-	39	-
4	57	56	45	45	-	-	-	51	-
6	73	70	57	56	-	-	-	64	-
10	102	98	80	77	-	-	-	86	-
16	135	129	105	102	-	-	-	112	359



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Flexible Copper Conductor as per AS/NZS 3008.1.1-2009 Table 9

Current Carrying Capacity A									
Conductor Size Mm ²	Unenclosed			Enclosed	Thermal insulation		Buried Direct	Underground wiring enclosure	
	Spaced	Spaced from Surface	Touching	Wiring enclosure in air	Partially Surrounded by thermal insulation	Completely surrounded by thermal insulation			
1	25	22	21	18	-	-	-	21	-
1.5	31	27	26	23	-	-	-	26	-
2.5	42	36	34	31	-	-	-	34	-
4	55	48	45	40	-	-	-	44	-
6	70	61	57	50	-	-	-	55	-
10	99	85	80	70	-	-	-	76	-
16	130	112	105	91	-	-	-	97	-