

Copper Flexible 110°



0.6/1kV Single Core

XLPE Insulated, HFS-110-TP Cable

Description: 0.6/1kV CU/X-HF-110/HFS-110-TP
ASNZS5000.1



Application: This cable can be used for mains power supply in switchboards and power stations. It can be installed in trenches, cable duct and cable trunking.

Voltage Rating: 0.6/kV

Construction: Plain Annealed Copper, Circular, Class 5 ASNZS1125

Insulation: X-HF-110, White, ASNZS3808

Outer Sheath: Polyvinyl HFS-110-TP Black (Halogen Free LSZH)
Fire retardant

Sheath Option: Orange Colour

Bending radius: 6 x OD

Part Number	No of cores and nominal cross section area [mm]	Nominal Thickness of insulation [mm]	Thickness Of PVC Outer sheath	Overall diameter App.	Maximum wire OD	Diameter of Conductor	Net weight	D. C. resistance of conductor 20°C (Ω/km)
	No*Section	Phase core	[mm]	[mm]	[mm]	[mm]	[kg/m]	Voltage withstand test(kV)-3.5
116CUFLEX	1*16	0.70	1.40	10.10	0.41	5.52	0.279	1.21
125CUFLEX	1*25	0.90	1.40	12.00	0.41	6.89	0.343	0.780
135CUFLEX	1*35	0.90	1.40	13.40	0.41	8.12	0.444	0.554
150CUFLEX	1*50	1.00	1.40	15.10	0.41	9.73	0.540	0.385
170CUFLEX	1*70	1.10	1.40	16.90	0.51	11.5	0.757	0.272
195CUFLEX	1*95	1.10	1.50	18.80	0.51	13.4	1.025	0.206
1120CUFLEX	1*120	1.20	1.50	20.80	0.51	15.08	1.274	0.161
1150CUFLEX	1*150	1.40	1.60	23.20	0.51	16.84	1.854	0.129
1185CUFLEX	1*185	1.60	1.60	25.70	0.51	18.58	1.940	0.106
1240CUFLEX	1*240	1.70	1.70	28.70	0.51	21.38	2.000	0.0801
1300CUFLEX	1*300	1.80	1.80	31.80	0.51	23.9	3.145	0.0641
1400CUFLEX	1*400	2.00	1.90	36.20	0.51	27.43	4.003	0.0486
1500CUFLEX	1*500	2.20	2.00	39.60	0.61	30.87	5.105	0.0384
1630CUFLEX	1*630	2.40	2.20	43.80	0.61	34.82	6.462	0.0287

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