

Copper Stranded



0.6/1kV Single Core

XLPE Insulated, PVC Sheathed Cable

Description: 0.6/1kV CU/XLPE/PVC 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: 0.6/1kV

Construction: Plain Annealed Copper, Circular

Compacted. Class 2, AS/NZS1125

Insulation: XLPE (XF90) ASNZS3808

Outer Sheath: Extruded Polyvinyl Chloride Compound (PVC/SV-90), Colour – Black

Bending Radius: 6 x OD

Sheath Option: HFS (Halogen Free) - LSZH

Part Number	No of cores and nominal cross section area [mm]	Nominal Thickness of XLPE insulation [mm]	Thickness of Outer sheath	Overall diameter App.	Stranding	Maximum wire OD	Diameter of Conductor	Net weight	D. C. resistance of conductor 20°C (Ω/km)
	No*Section	Phase core	[mm]	[mm]	[Wires]	[mm]	[mm]	[kg/m]	Voltage withstand test(kV)-3.5
116CUXL	1*16	0.7	1.4	9.2	7	1.78	4.8	0.279	1.150
125CUXL	1*25	0.9	1.4	10.8	7	2.20	6.0	0.343	0.727
135CUXL	1*35	0.9	1.4	11.8	7	2.60	7.0	0.444	0.524
150CUXL	1*50	1.0	1.4	13.3	10	2.52	8.3	0.540	0.387
170CUXL	1*70	1.1	1.4	15.2	14	2.52	10.0	0.757	0.268
195CUXL	1*95	1.1	1.5	17.0	19	2.56	11.6	1.025	0.193
1120CUXL	1*120	1.2	1.5	18.6	24	2.56	13.0	1.274	0.153
1150CUXL	1*150	1.4	1.6	20.8	30	2.56	14.6	1.854	0.124
1185CUXL	1*185	1.6	1.6	22.8	37	2.56	16.2	1.940	0.099
1240CUXL	1*240	1.7	1.7	25.4	48	2.56	18.4	2.000	0.075
1300CUXL	1*300	1.8	1.8	28.0	61	2.56	20.6	3.145	0.060
1400CUXL	1*400	2.0	1.9	31.8	60	2.92	23.8	4.003	0.047
1500CUXL	1*500	2.2	2.0	35.2	60	3.33	26.6	5.105	0.037
1630CUXL	1*630	2.4	2.2	39.4	60	3.80	30.0	6.462	0.028

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