

1 Core Aluminium Neutral Screen



0.6/1kV Single Core

XLPE Insulated, PVC Sheathed Cable

Description: 0.6/1kV AL/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: Aluminium 1350, Compacted Circular

Class 2 (70mm -120mm)

Compacted Sector-shaped stranded 120mm-400mm, AS/NZS1125

Insulation: XLPE (XF90) ASNZS3808

Outer Sheath: Extruded Polyvinyl Chloride Compound

(PVC/SV-90), Colour - Black

Sheath Option: HFS (Halogen Free) – LSZH

Bending Radius: 12 x OD

Part Number	No of cores and nominal cross section area [mm]	Nominal Thickness of XLPE 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
170ALNS	1*70	1.1	3.2	22.7	2.52	10	0.922	0.443
195ALNS	1*95	1.1	3.2	25	2.56	11.6	1.272	0.32
1120ALNS	1*120	1.2	3.2	27.3	2.56	13	1.587	0.253
1185ALNS	1*185	1.6	3.2	32.2	2.56	16.2	2.062	0.164
1240ALNS	1*240	1.7	3.2	35.2	2.56	18.4	2.615	0.125
1300ALNS	1*300	1.8	3.2	37.7	2.56	20.6	3.145	0.1

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