

3 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.	Nominal 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
335ALNS	1*35	0.9	3.2	28.4	2.6	7.00	1.075	0.868
350ALNS	1*50	1.0	3.2	32.2	2.52	8.40	1.35	0.641
370ALNS	1*70	1.1	3.2	36.5	2.52	10.00	1.716	0.443
395ALNS	1*95	1.1	3.2	40.1	2.56	11.60	2.175	0.320
3120ALNS	1*120	1.2	3.2	38.4	2.52	11.25	2.672	0.253
3185ALNS	1*185	1.6	3.2	46.3	2.52	13.97	3.605	0.164
3240ALNS	1*240	1.7	3.2	51.8	2.52	16.21	4.553	0.125
3300ALNS	1*300	1.8	3.2	56.0	2.52	17.97	5.545	0.100

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