

Aluminium Stranded



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 Stranded

Class 2, ASNZS1125

Insulation: XLPE (X-90) Natural ASNZS3808

Outer Sheath: Extruded Polyvinyl Chloride Compound, PVC (5V-90) - Black

Sheath Option: HFS (Halogen Free) – LSZH

Bending Radius: 6 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.	Min. Number of Wires in Conductor	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
150ALXL	1*50	1.00	1.40	13.40	6	8.40	0.26	0.641
170ALXL	1*70	1.10	1.40	15.20	12	10.00	0.76	0.443
195ALXL	1*95	1.10	1.50	17.00	15	11.60	1.03	0.32
1120ALXL	1*120	1.20	1.50	18.60	15	13.00	1.27	0.253
1150ALXL	1*150	1.40	1.60	20.80	15	14.60	1.85	0.206
1185ALXL	1*185	1.60	1.60	22.80	30	16.20	1.94	0.164
1240ALXL	1*240	1.70	1.70	25.40	30	18.40	2.00	0.125
1300ALXL	1*300	1.80	1.80	28.00	30	20.60	3.15	0.1
1400ALXL	1*400	2.00	1.90	31.80	53	23.80	4.00	0.078
1500ALXL	1*500	2.20	2.00	35.20	53	26.60	5.11	0.061
1630ALXL	1*630	2.40	2.20	39.40	53	30.0	6.46	0.047

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