

# Aluminium Sector



## 0.6/1kV 4 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 for residential dwellings and power stations. It can be installed in trenches or cable duct.

**Voltage Rating:** 0.6/1kV

**Construction:** Aluminium 1350, compacted Stranded, Sector-shaped, ASNZS1125

**Insulation:** XLPE (X-90) Red, White, Blue, Black ASNZS3808

**Outer Sheath:** Extruded Polyvinyl Chloride Compound (PVC/SV-90), Colour – Black 1 % Carbon

**Bending Radius:** 12 x OD

Part Number	No of cores and nominal cross section area [mm]	Insulation Thickness min. Average	Thickness Of PVC Outer sheath	Overall diameter App.	Min. number of wires in conductor	Height of 90 sector-shaped conductor	Net weight	D. C. resistance of conductor 20°C (Ω/km)
	No*Section	[mm]	[mm]	[mm]	[mm]	[mm]	[kg/m]	Voltage withstand test(kV)-3.5
450ALXL	4*50	1.0	1.9	28.3	6	8.20	0.837	0.641
470ALXL	4*70	1.1	2.0	32.3	12	9.83	1.170	0.443
495ALXL	4*95	1.1	2.1	36.2	15	11.71	1.541	0.320
4120ALXL	4*120	1.2	2.3	40.0	15	13.18	1.916	0.253
4185ALXL	4*185	1.6	2.6	48.9	30	16.36	2.958	0.164
4240ALXL	4*240	1.7	2.8	55.0	30	18.97	3.781	0.125
4300ALXL	4*300	1.8	3.0	60.0	30	21.02	4.631	0.100
4400ALXL	4*400	2.0	3.3	66.4	53	23.45	5.929	0.078

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