

Aluminium Flexible



0.6/1kV Single Core

XLPE Insulated, Rubber Sheathed Cable

Description: 0.6/1kV AL/XLPE/R 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: Fine EC1350 Aluminium Wire, Class 5 ASNZS1125

Insulation: X-HF-110, White ASNZS3808

Outer Sheath: HF-110-Rubber, Black ASNZS3808, HFS (Halogen Free or LSZH)

Temperature Range: Min -25° , Max 110° , Flame Retardant

Bending Radius: 10 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
170ALFLEXRB	1*70	1.1	1.4	16.9	0.31	11.7	0.372	0.4430
195ALFLERXB	1*95	1.1	1.5	18.9	0.31	13.5	0.473	0.3200
1120ALFLEXRB	1*120	1.2	1.5	21.1	0.31	15.5	0.578	0.2530
1150ALFLEXRB	1*150	1.4	1.6	23.4	0.31	17.2	0.729	0.2060
1185ALFLEXRB	1*185	1.6	1.6	25.7	0.51	19.1	0.881	0.1640
1240ALFLEXRB	1*240	1.7	1.7	28.9	0.51	21.9	1.127	0.1250
1300ALFLEXRB	1*300	1.8	1.8	31.9	0.51	24.5	1.376	0.1000
1400ALFLEXRB	1*400	2.0	1.9	36.1	0.51	28.1	1.79	0.7780
1500ALFLEXRB	1*500	2.2	2.0	40.2	0.51	31.6	2.214	0.0605
1630ALFLEXRB	1*630	2.4	2.2	45.1	0.51	35.7	2.789	0.0469

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