

# 1 Core Copper NS



## 0.6/1kV Single Core

XLPE / PVC Insulated, PVC Sheathed Cable

Description: 0.6/1kV CU/XLPE/PVC/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:** Plain Annealed Copper, Circular

Non-Compacted. Class 2, AS/NZS1125

**Insulation:** PVC 2.5mm – 10mm, XLPE 16mm and over (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)-3.5
110NS1.8S	1*10	1.1	1.8	12.4	1.35	4.05	0.308	1.830
110NS3.2S	1*10	1.1	3.2	15.2	1.35	4.05	0.400	1.830
116XLNS	1*16	1.2	3.2	16.3	1.70	5.10	0.511	1.150
125XLNS	1*25	1.4	3.2	18.2	2.12	6.36	0.716	0.727
135XLNS	1*35	1.6	3.2	19.8	2.52	7.56	0.922	0.524
150XLNS	1*50	1.7	3.2	22.0	1.78	8.90	1.182	0.387
12.52NS1.8S	1*2.5	0.8	1.8	9.4	0.67	2.01	0.139	7.410
14NS1.8S	1*4	1.0	1.8	10.4	0.85	2.55	0.176	4.610
16NS1.8S	1*6	1.0	1.8	10.9	1.04	3.12	0.216	3.080

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