

2 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 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
22.5NS1.8S	2*2.5	0.8	1.8	9.4*13.2	0.67	2.01	0.203	7.41
22.5NS3.2S	2*2.5	0.8	3.2	12.2*16.0	0.67	2.01	0.290	7.41
24NS1.8S	2*4	1.0	1.8	10.4*15.1	0.85	2.55	0.267	4.61
24NS3.2S	2*4	1.0	3.2	13.2*17.9	0.85	2.55	0.365	4.61
26NS1.8S	2*6	1.0	1.8	10.9*16.3	1.04	3.08	0.325	3.08
26NS3.2S	2*6	1.0	3.2	13.7*19.1	1.04	3.08	0.428	3.08
210NS1.8S	2*10	1.0	1.8	12.1*18.4	1.35	4.05	0.462	1.83
210NS3.2S	2*10	1.0	3.2	14.9*21.2	1.35	4.05	0.577	1.83
216XLNS	2*16	0.7	3.2	15.6*22.3	1.70	5.10	0.727	1.15
225XLNZ	2*25	0.9	3.2	17.7*26.0	2.12	6.36	1.039	0.727
235XLNS	2*35	0.9	3.2	19.2*28.8	2.52	7.56	1.350	0.524

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