

3 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	Diamete 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
32.5NS1.8S	3x2.5	0.8	1.8	13.8	0.67	2.01	0.274	7.410
32.5NS3.2S	3*2.5	0.8	3.2	16.6	0.67	2.01	0.375	7.410
34NS1.8S	3*4	1.0	1.8	15.9	0.85	2.55	0.370	4.610
34NS3.2S	3*4	1.0	3.2	18.7	0.85	2.55	0.485	4.610
36NS1.8S	3*6	1.0	1.8	17.1	1.04	3.12	0.454	3.080
36NS3.2S	3*6	1.0	3.2	19.9	1.04	3.12	0.485	3.080
310NS1.8S	3*10	1.0	1.8	19.4	1.35	4.05	0.637	1.830
310NS3.2S	3*10	1.0	3.2	22.2	1.35	4.05	0.774	1.830
316XLNS	3*16	0.7	3.2	23.4	1.70	5.10	0.968	1.150
325XLNS	3*25	0.9	3.2	27.4	2.12	6.36	1.394	0.727
335XLNS	3*35	0.9	3.2	30.3	2.52	7.56	1.823	0.524

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