

# 4 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
42.5NS1.8S	4*2.5	0.8	1.8	14.8	0.67	2.01	0.325	7.41
44NS1.8S	4*4	1.0	1.8	17.1	0.85	2.55	0.444	4.61
44NS3.2S	4*4	1.0	3.2	19.9	0.85	2.55	0.566	4.61
46NS1.8S	4*6	1.0	1.8	18.7	1.04	3.12	0.573	3.08
410NS1.8S	4*10	1.0	1.8	21.0	1.35	4.05	0.783	1.83
410NS3.2S	4*10	1.0	3.2	23.8	1.35	4.05	0.931	1.83
416XLNS	4*16	0.7	3.2	25.2	1.70	5.10	1.163	1.15
425XLNS	4*25	0.9	3.2	29.5	2.12	6.36	1.684	0.727
435XLNS	4*35	0.9	3.2	32.7	2.52	7.56	2.221	0.524
450XLNS	4*50	1.0	3.2	36.7	1.78	8.90	2.887	0.387
470XLNS	4*70	1.1	3.2	35.8	2.52	11.64	3.766	0.268
495XLNS	4*95	1.1	3.2	40.2	2.52	13.84	5.036	0.193

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