

# 4 Core Circular TPS



## 0.6/1kV 4 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 – 1.5mm – 10mm, XLPE (XF90) 16mm – 120mm  
ASNZS3808

**Outer Sheath:** Extruded Polyvinyl Chloride Compound

(PVC/SV-90), Colour - Black

**Sheath Option:** HFS (Halogen Free) – LSZH

**Bending Radius:** 4 x OD

Part Number	No of cores and nominal cross section area [mm]	Nominal Thickness of insulation [mm]	Thickness of PVC Outer sheath	Earth Conductor cross section	Overall diameter App.	Net weight	D. C. resistance of conductor 20°C (Ω/km)
	No*Section	Phase core	[mm]	[mm]	[mm]	[kg/m]	Voltage withstand test(kV)-3.5
41.5ECIR	4x1.5	0.8	1.8	1.5	12.8	0.158	13.600
42.5ECIR	4*2.5	0.8	1.8	2.5	14.2	0.204	7.410
44ECIR	4*4	1.0	1.8	2.5	16.2	0.260	4.610
46ECIR	4*6	1.0	1.8	2.5	17.4	0.312	3.080
410ECIR	4*10	1.0	1.8	4.0	19.9	0.430	1.830
416EXLCIR	4*16	0.7	1.8	6.0	20.2	0.880	1.150
425EXLCIR	4*25	0.9	1.8	6.0	23.7	1.290	0.727
435EXLCIR	4*35	0.9	1.8	10.0	26.4	1.718	0.524
450EXLCIR	4*50	1.0	1.8	16.0	30.4	2.353	0.387
470EXLCIR	4*70	1.1	2.0	25.0	35.6	3.293	0.268
495EXLCIR	4*95	1.1	2.1	25.0	39.2	4.339	0.193
4120EXLCIR	4*120	1.2	2.3	35.0	43.7	5.470	0.153

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