

# 2 Core Circular TPS



## 0.6/1kV 2 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
21.5ECIR	2*1.5	0.8	1.8	1.5	11.1	0.158	13.600
22.5ECIR	2*2.5	0.8	1.8	2.5	12.2	0.204	7.410
24ECIR	2*4	1.0	1.8	2.5	13.5	0.260	4.610
26ECIR	2*6	1.0	1.8	2.5	14.6	0.260	3.080
210ECIR	2*10	1.0	1.8	4	16.5	0.430	1.830
216EXLCIR	2*16	0.7	1.8	6	16.9	0.519	1.150
225EXLCIR	2*25	0.9	1.8	6	20.2	0.782	0.727
235EXLCIR	2*35	0.9	1.8	10	22.1	1.030	0.524
250EXLCIR	2*50	1.0	1.8	16	25.0	1.397	0.387
270EXLCIR	2*70	1.1	1.8	25	28.8	1.871	0.268
295EXLCIR	2*95	1.1	1.9	25	32.4	2.398	0.193
2120EXLCIR	2*120	1.2	2.1	35	36.0	3.006	0.153

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