

3 Core Circular TPS



0.6/1kV 3 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
31.5ECIR	3*1.5	0.8	1.8	1.5	11.9	0.158	13.600
32.5ECIR	3*2.5	0.8	1.8	2.5	13.2	0.204	7.410
34ECIR	3*4	1.0	1.8	2.5	14.9	0.260	4.610
36ECIR	3*6	1.0	1.8	2.5	15.9	0.312	3.080
310ECIR	3*10	1.0	1.8	4.0	18.2	0.430	1.830
316EXLCIR	3*16	0.7	1.8	6.0	18.4	0.701	1.150
325EXLCIR	3*25	0.9	1.8	6.0	21.3	1.010	0.727
335EXLCIR	3*35	0.9	1.8	10.0	23.7	1.369	0.524
350EXLCIR	3*50	1.0	1.8	16.0	27.0	1.764	0.387
370EXLCIR	3*70	1.1	1.9	25.0	31.7	2.601	0.268
395EXLCIR	3*95	1.1	2.0	25.0	34.8	3.413	0.193
3120EXLCIR	3*120	1.2	2.1	35.0	38.6	4.290	0.153

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