

# Vector Service Cable



## 0.6/1kV Single Core

XLPE Insulated, PVC Sheathed Cable

Description: 0.6/1kV CU/XLPE/PVC ASNZS5000.1



**Application:** This cable can be used for mains power supply in switchboards and underground residential distribution services. It can be installed in trenches, cable duct and cable trunking.

**Voltage Rating:** 0.6/1kV

**Construction:** Plain Annealed Copper, Circular

Compacted. Class 2, AS/NZS1125

**Insulation:** XLPE (X-90), 2 Core - Red & Black, 4 Core – Red, Black, White and Blue

**Outer Sheath:** Extruded Polyvinyl Chloride Compound

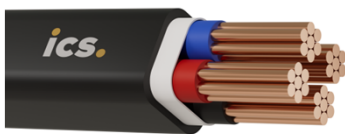
(PVC/SV-90), Colour - Black

**Bending Radius:** 16mm – 6D, 25mm – 9D

## 2 Core Vector

Part Number	No of cores and nominal cross section area [mm]	Nominal Thickness of XLPE insulation [mm]	Thickness of PVC Outer sheath	Overall diameter App.	Maximum 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
216VEC	2*16	1.5	1.8	11.5 x 20	1.7	5.1	0.52	1.15
225VEC	2*25	1.7	1.8	13.2 x 23.3	2.12	6.36	0.743	0.727

## 4 Core Vector



Part Number	No of cores and nominal cross section area [mm]	Nominal Thickness of XLPE insulation [mm]	Thickness of PVC Outer sheath	Overall diameter App.	Maximum 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
416VEC	4*16	1.5	1.8	24.2	1.7	5.1	0.885	1.15
425VEC	4*25	1.7	1.8	28.2	2.12	6.36	1.325	0.727

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