

Screened Power Cable

Screened Power Cable with Split Earth

VSD EMC compliant screened power cable

Construction:

Class 5 fine wire stranding, XLPE (X-90) comply to AS/NZS3808 colour coded insulating material, black V-90HT PVC inner sheath, high coverage tinned copper braid screen, black V-90HT PVC oil & chemical resistant sheath, metre marked with split earth construction.

Minimum Bending Radius:

Flexing: 10 x cable diameter
Fixed: 6 x cable diameter

Nominal Voltage:

600/1000V

Temperature Range:

Flexing: -15°C to +90°C
Fixed: -40°C to +90°C

Relevant Standard:

AS/NZS1125, IEC60228, AS/NZS3808,
AS/NZS5000.1, IEC60332-1

Colour Coding:

3 core + earth : Brown, Black, Grey,
Green/ Yellow`



TOPFLEX® 1092 VSD SCREENED FLEXIBLE 3C6.0+3E1.0 QMM / PC4G6CY BC/XLPE/PVC/TCWB/PVC 0,6/1kV

Type	Cores x CSA	Conductor Diameter	Insulation Thickness	Insulation Diameter	Cable Diameter	Inner Sheath Thickness	Screen Diameter	Outer Sheath Thickness	Overall Diameter	Approx Weight	20°C Max. D.C Conductor Resistance
Part No.	mm²	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
PC4G6CY	3C6.0+3E1.0	3.2	0.7	4.6	10.6	1.0	13.4	1.8	17.3	499	3.3
		1.3	0.6	2.5							19.5
PC4G10CY	3C10+3E1.5	4.2	0.7	5.6	12.7	1.0	15.5	1.8	19.6	684	1.91
		1.5	0.7	2.9							13.3
PC4G16CY	3C16+3E2.5	5.4	0.7	6.8	15.5	1.0	18.3	1.8	22.4	985	1.21
		2.0	0.7	3.4							7.98
PC4G25CY	3C25+3E4.0	6.7	0.9	8.5	18.4	1.0	21.2	1.8	25.3	1377	0.78
		2.5	0.7	3.9							4.95
PC4G35CY	3C35+3E6.0	7.9	0.9	9.7	21.0	1.0	23.8	1.8	27.9	1785	0.554
		3.2	0.7	4.6							3.3
PC4G50CY	3C50+3E10	9.5	1.0	11.5	24.8	1.0	27.8	1.9	32.1	2504	0.386
		4.2	0.7	5.6							1.91
PC4G70CY	3C70+3E10	11.2	1.1	13.4	28.9	1.0	31.9	1.9	36.2	3214	0.272
		4.2	0.7	5.6							1.91
PC4G95CY	3C95+3E16	12.9	1.1	15.1	32.6	1.2	36.0	2.1	40.7	4252	0.206
		5.4	0.7	6.8							1.21