

Screened Power Cable

Screened Power Cable with Full Size Earth

VSD EMC compliant screened power cable

Construction:

Class 5 fine wire stranding, V-90HT
PVC compound comply to AS/NZS3808
colour coded insulating material,
V-90HT PVC inner sheath, high
coverage tinned copper braid screen,
transparent 90 PVC oil & chemical
resistant sheath, metre marked.

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:

- 2 core + earth : Blue, Brown, Green/Yellow
- 3 core + earth : Brown, Black, Grey, Green/ Yellow
- 4 core + earth : Blue, Brown, Black, Grey, Green/Yellow



Type	Cores x CSA	Conductor Diameter	Insulation Thickness	Insulation Diameter	Cable Dia-meter	Inner Sheath Thickness	Screen Diameter	Outer Sheath Thickness	Overall Diameter	Approx Weight	20 Max. D.C Con-ductor Resistance
Part No.	mm²	mm	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
PC4G1CY	3C1.0+E1.0	1.3	0.8	2.9	7.0	0.7	9.0	1.3	11.9	213	19.5
PC3G1.5CY	2C1.5+E1.5	1.5	0.8	3.1	6.7	0.7	8.7	1.3	11.6	210	13.3
PC4G1.5CY	3C1.5+E1.5	1.5	0.8	3.1	7.5	0.7	9.5	1.3	12.4	245	13.3
PC5G1.5CY	4C1.5+E1.5	1.5	0.8	3.1	8.4	0.8	10.6	1.3	13.5	290	13.3
PC3G2.5CY	2C2.5+E2.5	2.0	0.8	3.6	7.8	0.7	9.8	1.3	12.7	259	7.98
PC4G2.5CY	3C2.5+E2.5	2.0	0.8	3.6	8.7	0.8	11.1	1.3	14.0	313	7.98
PC4G4CY	3C4.0+E4.0	2.5	1.0	4.5	10.9	0.9	13.5	1.3	16.4	459	4.95
PC5G4CY	4C4.0+E4.0	2.5	1.0	4.5	12.2	1.0	15.0	1.4	18.1	557	4.95
PC5G6CY	4C6.0+E6.0	3.2	1.0	5.2	14.0	1.0	16.8	1.4	19.7	709	3.3