

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 resis-
tant sheath, metre marked with split
earth construction.

Nominal Voltage:

600/1000V

Temperature Range:

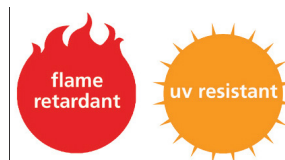
Flexing: -15°C to +90°C
Fixed: -40°C to +90°C

Relevant Standard:

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

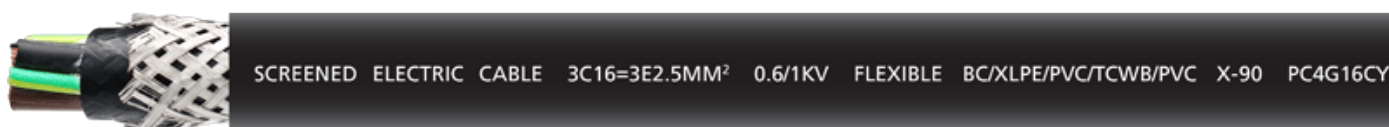
Colour Coding:

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



Minimum Bending Radius:

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



Type	Cores x CSA	Conduc- tor	Insula- tion	Insu- lation Di- ameter	Cable Diame- ter	Inner Sheath Thick- ness	Screen Diame- ter	Outer Sheath Thick- ness	Overall Diameter	Approx Weight	20°C Max. D.C Con- ductor Resis- tance
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
PC4G-10CY	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
PC4G-16CY	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
PC4G-25CY	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
PC4G-35CY	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
PC4G-50CY	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
PC4G-70CY	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
PC4G-95CY	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