



Variable Speed Drive Cables (VSD) 0.6/1kV

Application:	Supply motors from variable speed controllers in fixed installations. Cables can be laid unenclosed, enclosed in conduit, mounted on tray, or in underground ducts where they are subject to mechanical damage. Designed to significantly reduce radiated interference from electrical noise.
Conductor:	3C+E - Plain Annealed Copper Conductor (Class5) 3C+3E - Plain Annealed Copper Conductor (Class 2)
Insulation:	3C+E - PVC V-90HT 3C+3E - XLPE
Core Colours:	2C+E - Black, Blue, Green/Yellow 3C+E - Brown, Blue, Black, Green/Yellow 3C+3E - Red, White, Blue, Green/Yellow
Screen:	2C+E & 3C+E - Tinned Copper Braid 3C+3E - Copper Tape
Bedding:	PVC
Sheath:	2C+E & 3C+E - PVC Clear 3C+3E - 5V-90 PVC Black
Screen:	Tinned Copper Braid
Standards:	AS/NZS 5000.1, AS1125 (Conductor), AS/NZS 3808 (PVC)
Greenstar:	Approved

2 Core + Earth

ELECTRA Part Number	SIZE	Main Core Insulation	Earth Size	Earth Core Insulation	O.D.
VSD2015E	1.5	0.8	1.5	0.8	11.2
VSD2025E	2.5	0.8	2.5	0.8	12.5
VSD2040E	4	1.0	2.5	0.8	14.0

*Size = mm², O.D. ± 10%, Main Core Insulation, Earth Core Insulation, Sheath Thickness & O.D. = mm

3 Core + Earth

ELECTRA Part Number	SIZE	Main Core Insulation	Earth Size	Earth Core Insulation	O.D.
VSD3015E	1.5	0.8	1.5	0.8	12.0
VSD3025E	2.5	0.8	2.5	0.8	13.4
VSD3040E	4	1.0	2.5	0.8	15.2
VSD3060E	6	1.0	2.5	0.8	16.7
VSS3100E	10	1.0	4.0	1.0	19.8
VSD3160E	16	1.0	6.0	1.0	22.5
VSD3250E	25	1.2	6.0	1.0	26.3
VSD3350E	35	1.2	10.0	1.0	29.3
VSD3500E	50	1.4	16.0	1.0	34.2
VSD3700E	70	1.4	25.0	1.2	38.9
VSD3950E	95	1.6	25.0	1.2	42.9
VSD31200E	120	1.6	35.0	1.2	48.1

*Size = mm², O.D. ± 10%, Main Core Insulation, Earth Core Insulation, Sheath Thickness & O.D. = mm

3 Core + 3 Earth

ELECTRA Part Number	SIZE	Main Core Insulation	Earth Size	Earth Core Insulation	O.D.
VSD3025+3E	2.5	0.7	1.5	0.7	14.5
VSD3040+3E	4	0.7	1.5	0.7	16.5
VSD3060+3E	6	0.7	1.5	0.7	17.3
VSS3100+3E	10	0.7	1.5	0.7	18.5
VSD3160+3E	16	0.7	2.5	0.7	20.6
VSD3250+3E	25	0.9	4	0.7	24.5
VSD3350+3E	35	0.9	6	0.7	26.5
VSD3500+3E	50	1.0	10	0.7	29.5
VSD3700+3E	70	1.1	10	0.7	34.5
VSD3950+3E	95	1.1	16	0.7	39.0
VSD31200+3E	120	1.2	16	0.7	43.2

*Size = mm², O.D. ± 10%, Main Core Insulation, Earth Core Insulation, Sheath Thickness & O.D. = mm

electracables.com.au

SYDNEY
(02) 8786 5200

MELBOURNE
(03) 9706 6819

BRISBANE
(07) 3386 9800

PERTH
(08) 9454 2628

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