



## Variable Speed Drive Cables (VSD)

<b>Application:</b>	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.
<b>Conductor:</b>	3C+E - Plain Annealed Copper Conductor (Class5) 3C+3E - Plain Annealed Copper Conductor (Class 2)
<b>Insulation:</b>	3C+E - PVC V-90HT 3C+3E - XLPE
<b>Core Colours:</b>	2C+E - Black, Blue, Green/Yellow 3C+E - Brown, Blue, Black, Green/Yellow 3C+3E - Red, White, Blue, Green/Yellow
<b>Screen:</b>	2C+E & 3C+E - Tinned Copper Braid 3C+3E - Copper Tape
<b>Bedding:</b>	PVC
<b>Sheath:</b>	2C+E & 3C+E - PVC Clear 3C+3E - 5V-90 PVC Black
<b>Screen:</b>	Tinned Copper Braid
<b>Standards:</b>	AS/NZS 5000.1, AS1125 (Conductor), AS/NZS 3808 (PVC)
<b>Greenstar:</b>	Approved

### 2 Core + Earth

ELECTRA Part Number	SIZE	Main Core Insulation	Earth Size	Earth Core Insulation	SHEATH Thickness	O.D.
VSD2015E	1.5	0.8	1.5	0.8	1.8	11.2
VSD2025E	2.5	0.8	2.5	0.8	1.8	12.5
VSD2040E	4	1.0	2.5	0.8	1.8	14.0

\*Size = mm<sup>2</sup>, 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	SHEATH Thickness	O.D.
VSD3015E	1.5	0.8	1.5	0.8	1.8	12.0
VSD3025E	2.5	0.8	2.5	0.8	1.8	13.4
VSD3040E	4	1.0	2.5	0.8	1.8	15.2
VSD3060E	6	1.0	2.5	0.8	1.8	16.7
VSD3100E	10	1.0	4	1.0	1.8	19.8
VSD3160E	16	1.0	6	1.0	1.8	22.5
VSD3250E	25	1.2	6	1.0	1.8	26.3
VSD3350E	35	1.2	10	1.0	1.9	29.3
VSD3500E	50	1.4	16	1.0	2.1	34.2
VSD3700E	70	1.4	25	1.2	2.2	38.9
VSD3950E	95	16.0	25	1.2	2.3	42.9

\*Size = mm<sup>2</sup>, 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	SHEATH Thickness	O.D.
VSD3025+3E	2.5	0.7	1.5	0.7	1.8	14.5
VSD3040+3E	4	0.7	1.5	0.7	1.8	16.5
VSD3060+3E	6	0.7	1.5	0.7	1.8	17.3
VSD3100+3E	10	0.7	1.5	0.7	1.8	18.5
VSD3160+3E	16	0.7	2.5	0.7	1.8	20.6
VSD3250+3E	25	0.9	4	0.7	1.8	24.5
VSD3350+3E	35	0.9	6	0.7	1.9	26.5
VSD3500+3E	50	1.0	10	0.7	2.1	29.5
VSD3700+3E	70	1.1	10	0.7	2.2	34.5
VSD3950+3E	95	1.1	16	0.7	2.3	39.0

\*Size = mm<sup>2</sup>, O.D. ± 10%, Main Core Insulation, Earth Core Insulation, Sheath Thickness & O.D. = mm

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