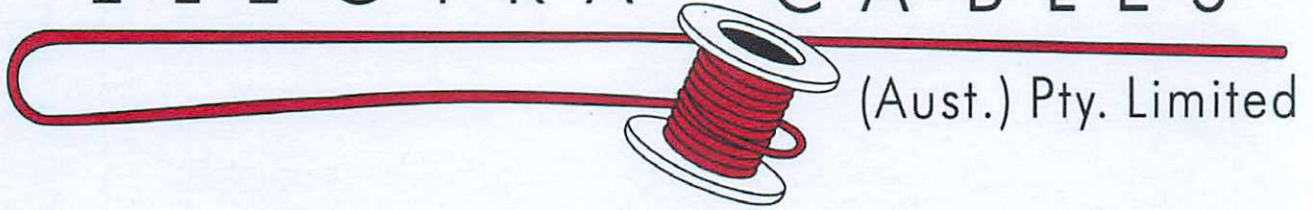


ELECTRA CABLES



Variable Speed Drives Cable (0.6/1kV)

0.6/1kV V-90HT insulated, Tinned copper Braid.



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 not subject to mechanical damage. Designed to significantly reduce radiated interference from electrical noise.

Conductor: Tinned copper or Plain annealed copper wire (Class 5 to AS/NZS 1125)

Insulation: PVC V90HT

Core Color: Brown, Blue, Black and Green/Yellow

Bedded: PVC

Screen: Tinned copper Braid

Sheath: PVC- Clear

Normal Operating Temperature: 90°C

Standard: AS/NZS 5000.1

Packing Length: 100m, 500m

3 Cores + Earth Typical Features:

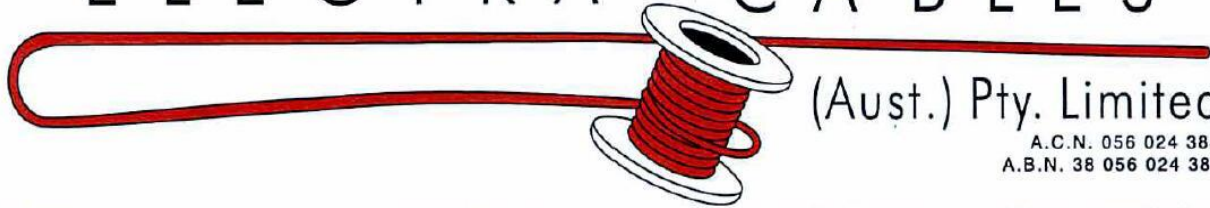
Electra Cables Part No.	Cond. Area mm	Earth Area mm	Stranding No./mm	Insulation Thickness mm	Nom. O/D mm	Approx. Mass kg/100m
VSD3015E	1.5	1.5	30/0.25	0.8	14.0	28
VSD3025E	2.5	2.5	49/0.25	0.8	15.0	35
VSD3040E	4.0	2.5	56/0.30	1.0	17.0	46
VSD3060E	6.0	2.5	84/0.30	1.0	18.5	57
VSD3100E	10	4	140/0.30	1.0	21.0	80
VSD3160E	16	6	224/0.30	1.0	23.6	108
VSD3250E*	25	6	350/0.30	1.2	27.1	149



Quality ISO 9001
Certified System

Note: Other types or other lengths of the above cables can be manufactured according to customers specifications.

ELECTRA CABLES



(Aust.) Pty. Limited

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A.B.N. 38 056 024 385

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NO.	Cross-section mm ²	Rated current			Electrical	
		Non contact screen A	In air A	Buried pipeline A	Maximum d.c. resistance of conductor at 20°C Ohm/km	Three phase voltage drop mV/A
1	2.5	25	27	28	7.41	16.4
2	4	34	36	36	4.61	10.2
2	6	43	46	44	3.08	6.8
3	10	59	63	60	1.83	4.05
4	16	79	84	77	1.15	2.68
5	25	105	113	102	0.727	1.62
6	35	129	138	122	0.524	1.19
7	50	158	169	146	0.387	0.902
8	70	200	215	181	0.268	0.608
9	95	245	263	217	0.193	0.485
10	120	285	307	251	0.153	0.387
11	150	326	351	283	0.124	0.317
12	185	372	401	320	0.0991	0.275
13	240	441	476	378	0.0754	0.233
14	300	505	546	426	0.0601	0.205