

Flexible Welding Cable



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Flexible Welding Cables

- Application:** For use with arc welding equipment rated in accordance with AS 1966. Suitable for glanding
- Conductor:** Plain annealed copper (AS/NZS 1125)
- Insulation:** Nitrile-Butadiene-PVC Copolymer (TP-90,met RoHS)
- Sheath:** Nitrile-Butadiene-PVC Copolymer (TP-90,met RoHS)
- Voltage:** 0.6/1.0KV
- Standards:** AS/NZS 1995
- Standard Package Length:** 100m, 500m

Typical Features:

Electra Cables Part No	Nom Area mm ²	Stranding No/mm	Nom. O/D mm	Nom Insulation Thickness mm	Nom Sheath Thickness mm	Amp Rating 100% duty cycle	Amp Rating* 60% duty cycle	Amp Rating* 30% duty cycle	Maximum Resistance at 20 °C @/Km
ZW10	10	318/0.20	8.2	0.9	1.1	87	110	160	1.91
ZW16	16	511/0.20	9.3	0.9	1.1	115	150	215	1.21
ZW25	25	779/0.20	10.7	0.9	1.1	155	200	285	0.78
ZW35	35	1102/0.20	11.9	0.9	1.1	195	250	355	0.554
ZW50	50	1561/0.20	13.6	1	1.2	250	320	450	0.386
ZW70	70	2220/0.20	15.6	1.1	1.3	310	400	560	0.272
ZW95	95	2960/0.20	18.2	1.2	1.4	375	485	685	0.206
ZW120	120	3665/0.30	20.4	1.4	1.4	440	525	750	0.161
ZW150	150	4535/0.30	22.1	1.5	1.5	520	625	885	0.129
ZW185	185	5406/0.40	24.2	1.6	1.6	585	705	995	0.106
ZW240	240	6830/0.40	27.2	1.7	1.7	700	840	1190	0.0801
ZW300	300	8318/0.40	31.5	2.4	1.9	810	970	1385	0.0641

Note: * Current ratings specified are nominal only, derating factor will have to be applied in certain applications.



Electra Cables - Sydney Office
Unit 1, 13 Cooper Street
Smithfield NSW 2164
Phone: [\(02\) 8786 5200](tel:(02)87865200)
Fax: (02) 8786 5288

Electra Cables - Melbourne Office
460-464 Hammond Road
Dandenong South VIC 3175
Phone: [\(03\) 9706 6819](tel:(03)97066819)
Fax: (03) 9768 3580

Electra Cables - Brisbane Office
118 Sandstone Place
Parkinson QLD 4115
Phone: [\(07\) 3271 6600](tel:(07)32716600)
Fax: (07) 3809 0411

Electra Cables -Perth Office
24 Harrison Road
Forrestfield W.A 6058
Phone: [\(08\) 9454 2628](tel:(08)94542628)
Fax (08) 9454 3026