



Flexible Cable – Welding Flex

0.6/1kV Flexible welding Cable with Maximum operating temperature of 90°C.

Application: For use with arc welding equipment rated in accordance with AS1966. Suitable for glanding

Conductor: Plain annealed copper wire

Standards: AS1995

Insulation: Nitrile-Butadiene-PVC Copolymer (TP-90 met ROHS)

Sheath: Nitrile-Butadiene-PVC Copolymer (TP-90 met ROHS)

Sheath Colour: Orange

Typical Features:

Electra Cables Part No.	Nom. area mm ²	Stranding No/mm No. of cores	Nom. O/D mm	Nominal insulation Thickness mm	Nominal sheath Thickness mm	Amp Rating * 100% duty cycle	Amp Rating * 60% duty cycle	Amp Rating* 30% duty cycle	Max. DC Resistance @ 20°C Ω/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	1.16
ZW25	25	779/0.20	10.7	0.9	1.1	155	200	285	0.758
ZW35	35	1102/0.20	11.9	0.9	1.1	195	250	355	0.536
ZW50	50	1561/0.20	13.6	1.0	1.2	250	320	450	0.379
ZW70	70	2220/0.20	15.6	1.1	1.3	310	400	560	0.268
ZW95	95	2960/0.20	18.2	1.2	1.4	375	485	685	0.198
ZW120	120	1665/0.30	20.4	1.4	1.4	440	525	750	0.161
ZW150	150	2035/0.30	22.1	1.5	1.5	520	625	885	0.129
ZW185	185	1406/0.40	24.2	1.6	1.6	585	705	995	0.106
ZW240	240	1830/0.40	27.2	1.7	1.7	700	840	1190	0.0801
ZW300	300	2318/0.40	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.

Twin Figure 8 Cables

Sheath: Nitrile-Butadiene-PVC Copolymer

Colour: Red and Black cores, with Clear Sheath

Electra Cables Part No.	Nom. area mm ²	Stranding No/mm No. of cores	Max. O/D mm	Nom. Insulation Thickness mm	Nom. Sheath Thickness mm
ZW206	6	2x189/0.20	8.3x17.1	1.0	1.3
ZW210	10	2x322/0.20	9.3x19.1	1.0	1.3
ZW216	16	2x513/0.20	10.5x21.5	1.0	1.3
ZW225	25	2x798/0.20	12.5x25.3	1.1	1.5