

Product Data Sheet

Welding Cable



Product Description

Thermoset insulation
 Thermoset jacket
 105°C

Welding Machine Rating	Lengths up to 45 ft. AWG	Lengths up to 100 ft. AWG	Lengths up to 250 ft. AWG
75 Amperes	4	4	4
100 Amperes	2	2	2
200 Amperes	1	1	2/0
300 Amperes	1/0	2/0	4/0
400 Amperes	2/0	3/0	-
600 Amperes	3/0	4/0	-

Note: Lengths are from power supply to electrode holder (one way). Ampacity values are not NEC values.

Applications

For use as flexible lead from welding machine to electrode holder. These cables are designed for use only with the secondary voltages typical of welding equipment. Can not be used as motor lead.

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Specifications

- CONDUCTOR: Highly flexible stranded no. 30 awg bare copper with separator applied over the conductor
- OVERALL JACKET: Industrial Grade Ethylene Propylene Thermoset (EPDM) Rubber

Class K and M and UL approved available upon request. Diameters and weights may vary among manufacturers. Additional colors available from stock. Stranding varies by manufacturers.

Anixter No.	Conductor Size AWG/kcmil	Strand Awg	Insulation Thickness (in.)	Nom. O.D. (in.)	Approx Wt. lb./1,000 ft.
5J-0101	1	30	0.08	0.503	313
5J-0201	2	30	0.06	0.42	236
5J-0401	4	30	0.06	0.348	147
5J-0601	6	30	0.06	0.32	113
5J-1011	1/0	30	0.08	0.533	378
5J-2021	2/0	30	0.08	0.586	463
5J-2501	250	30	0.08	0.815	962
5J-3031	3/0	30	0.08	0.625	563
5J-3501	350	30	0.1	0.955	1310
5J-4041	4/0	30	0.08	0.72	734
5J-5001	500	30	0.125	1.21	1700

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