



Welding Cable 105°C 600V

Part Number	AWG Size	Conductor Stranding	Nominal Thickness of Insulation (inches)	Nominal O.D. (inches)	Approx. Weight lbs./1000 ft.	Maximum Direct Current Resistance 20C Ω/km
6WELD	6	253/30	0.060	0.319	115	1.380
4WELD	4	403/30	0.060	0.366	169	0.865
2WELD	2	636/30	0.060	0.429	255	0.549
1WELD	1	798/30	0.080	0.508	303	0.436
1/0WELD	1/0	1016/30	0.080	0.555	396	0.345
2/0WELD	2/0	1261/30	0.080	0.598	482	0.276
3/0WELD	3/0	1590/30	0.080	0.673	595	0.219
4/0WELD	4/0	2007/30	0.080	0.716	734	0.173
250WELD	250	2399/30	0.095	0.866	907	0.147
350WELD	350	3327/30	0.095	0.953	1203	0.106
500WELD	500	4746/30	0.095	1.130	1734	0.0743-

All value are nominal and subject to correction
 This cable is not intended for in line voltage use. Improper use could be hazardous to personnel and could damage equipment.

- Application:** Welding Cable is for use on connections from electrode holders and clamps to arc welders, bus welding box or transformers. Welding cable is for applications up to 600 volts and temperatures from -50°C to +105°C.
- Conductors:** Welding Cable has a rope lay Class K stranded soft drawn bare copper conductor per ASTM B-172.
- Separator:** Welding Cable has a tape separator between the conductor and insulation
- Insulation:** Welding Cable has a thermoplastic Ethylene Propylene Rubber (EPR) insulation, which is highly resistant to flame, oil, grease, solvents, ozone and abrasion.

Welding Machine Rating (Amps)	Lengths up to 45 ft.	Lengths 46 ft. to 100 ft.	Lengths 101 ft. to 250 ft.
	AWG Size	AWG Size	AWG Size
75	4	4	4
100	2	2	2
200	1	1	2/0
300	1/0	2/0	4/0
400	2/0	3/0	-
600	3/0	4/0	-

Lengths are from power supply to electrode holder (one way)

1-800-945-5542