



WELDING CABLE

APPLICATION: Designed as secondary voltage resistance welding cable leads, Battery cables, Temporary power uses, Power supply applications not exceeding 600V AC.

CONSTRUCTION: **CONDUCTOR:** 6 AWG- 4/0 AWG Stranded bare copper flexible, fully annealed, Class K, Bare-copper.
INSULATION: Chlorinated Polyethylene (CPE) Lead free
COLOR: Black

PHYSICAL PROPERTIES: **TEMPERATURE RANGE:** -40°C to 90°C Dry, 90°C Wet
Oil and Water Resistant Non-Marking Jacket, Lightweight & Very Flexible at Low Temp.

ELECTRICAL PROPERTIES: **VOLTAGE RATING:** 600V rms, Maximum
INDUSTRY APPROVALS: ASTM B-172, National Electrical Code 630, ROHS

KINGWIRE Welding Cable					
Conductor (AWG or kcmil)	Conductor Stranding (#/AWG)	Nominal Insulation Thickness (in)	Nominal Overall Diameter (in)	Weight per 1000 ft. (lbs)	Nom. DCR Ω/M'
6	266/30	0.080	0.362	145	0.41
4	420/30	0.080	0.418	205	0.26
3	525/30	0.080	0.455	253	0.21
2	644/30	0.080	0.486	295	0.17
1	833/30	0.080	0.522	357	0.13
1/0	1026/30	0.090	0.582	456	0.11
2/0	1323/30	0.090	0.640	555	0.08
3/0	1666/30	0.090	0.674	650	0.06
4/0	2052/30	0.090	0.755	764	0.05

Note: All dimensions and weights are subject to industry standards and tolerance unless otherwise noted