

## APPLICATION

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

## PHYSICAL PROPERTIES

- Oil and Water Resistant Non-Marking Jacket, Lightweight & Very Flexible at Low Temp.

## 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
- TEMPERATURE RANGE: -40°C to 90°C Dry, 90°C Wet

## ELECTRICAL PROPERTIES

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

## WELDING CABLE

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/ft' |
|--------------------------|-----------------------------|-----------------------------------|-------------------------------|---------------------------|----------------|
| 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           |

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

Specifications may be revised without prior notice. Contact Electro Cable to verify current availability and lead times.