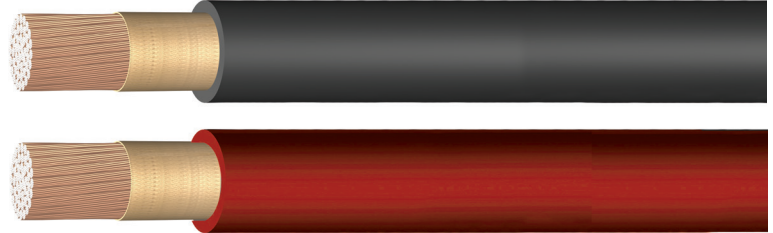


ARC - WELDING CABLE EP 600V

Zero Halogen EP Welding Cable 105°C Industrial Grade



CONSTRUCTION:

- Conductors:** Flexible stranded bare copper per ASTM B-172 Class K
- Separator:** Tape separator between the conductor and insulation
- Jacket:** Ethylene Propylene Rubber (EPR) Class 45, 105°C Table 50.55 of UL 1581
- Color of jacket:** Black 6AWG - 500MCM;
Red 6AWG-4/0

| FEATURES | APPLICATION |
|---|---|
| <ul style="list-style-type: none"> - Excellent flexibility - Ozone, sun, weather resistant - Rated and flexible at -40°C - Oil resistant - Heat resistant at 105°C | <ul style="list-style-type: none"> - Secondary voltage resistance welding leads - Leads for motors, generators, batteries |

| Part Number | Power Conductor Size | Power Conductor Stranding | Nominal Insulation Thickness | Nominal O.D. | | Approx. Weight | | Maximum Direct Current Resistance 20C Ω/km | Ampacity 40°C Ambient Temp. |
|-------------|----------------------|---------------------------|------------------------------|--------------|------|----------------|--------|--|-----------------------------|
| | | | | inches | mm | lbs/1000 ft | kgs/km | | |
| | AWG or MCM | No. of Stranding | inches | inches | mm | lbs/1000 ft | kgs/km | Ω/km | A |
| WC8 | 8 AWG | 161/30 | 0.060 | 0.299 | 7.6 | 82 | 122 | 2.18 | 100 |
| WC6 | 6 AWG | 253/30 | 0.060 | 0.319 | 8.1 | 115 | 171 | 1.38 | 133 |
| WC4 | 4 AWG | 403/30 | 0.060 | 0.366 | 9.3 | 169 | 252 | 0.865 | 179 |
| WC2 | 2 AWG | 636/30 | 0.060 | 0.429 | 10.9 | 255 | 379 | 0.549 | 237 |
| WC1 | 1 AWG | 798/30 | 0.080 | 0.508 | 12.9 | 303 | 451 | 0.436 | 284 |
| WC1/0 | 1/0 AWG | 1016/30 | 0.080 | 0.555 | 14.1 | 396 | 589 | 0.345 | 327 |
| WC2/0 | 2/0 AWG | 1261/30 | 0.080 | 0.598 | 15.2 | 482 | 719 | 0.276 | 377 |
| WC3/0 | 3/0 AWG | 1590/30 | 0.080 | 0.673 | 17.1 | 595 | 887 | 0.219 | 449 |
| WC4/0 | 4/0 AWG | 2007/30 | 0.080 | 0.716 | 18.2 | 734 | 1092 | 0.173 | 514 |
| WC250 | 250 MCM | 2399/30 | 0.095 | 0.866 | 22.0 | 907 | 1349 | 0.147 | 577 |
| WC350 | 350 MCM | 3327/30 | 0.095 | 0.953 | 24.2 | 1203 | 1790 | 0.106 | 719 |
| WC500 | 500 MCM | 4746/30 | 0.095 | 1.130 | 28.7 | 1734 | 2580 | 0.0743 | 908 |
| WC6-RED | 6 AWG | 253/30 | 0.060 | 0.319 | 8.1 | 115 | 171 | 1.38 | 133 |
| WC4-RED | 4 AWG | 403/30 | 0.060 | 0.366 | 9.3 | 169 | 252 | 0.865 | 179 |
| WC2-RED | 2 AWG | 636/30 | 0.060 | 0.429 | 10.9 | 255 | 379 | 0.549 | 237 |
| WC1-RED | 1 AWG | 798/30 | 0.080 | 0.508 | 12.9 | 303 | 451 | 0.436 | 284 |
| WC1/0-RED | 1/0 AWG | 1016/30 | 0.080 | 0.555 | 14.1 | 396 | 589 | 0.345 | 327 |
| WC2/0-RED | 2/0 AWG | 1261/30 | 0.080 | 0.598 | 15.2 | 482 | 719 | 0.276 | 377 |
| WC3/0-RED | 3/0 AWG | 1590/30 | 0.080 | 0.673 | 17.1 | 595 | 887 | 0.219 | 449 |
| WC4/0-RED | 4/0 AWG | 2007/30 | 0.080 | 0.716 | 18.2 | 734 | 1092 | 0.173 | 514 |

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

STANDARD PRINT LEGEND:

TF CABLE (SIZE) ARC WELDING CABLE 600V OIL RESISTANT -40°C +105°C

SPECIAL FACTORY OPTIONS:

- Conductor:** Class M (AWG 34) stranding
- Jacket:** Neoprene®
- CSA:** 1101275 -FT2; Oil Resistant (Optional)

Neoprene is a registered trademark of DuPont

