



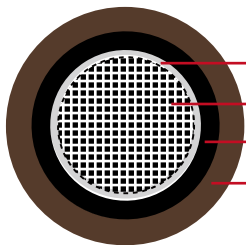
RHH-RHW, DLO, 600V - 2000V

Applications:

RHH-RHW, DLO (Diesel Locomotive Cable) type is designed for use as motor and power leads where flexibility and portability are required. DLO cables are also suitable for use in wiring diesel-electric locomotives, railroad and transit cars, earth moving equipment, offshore drilling rigs, storage batteries, charging equipment and in sizes 1/0 AWG and larger, flexible wiring for installation in conduit or tray per the NEC.



Construction:



Separator
Stranded tinned copper conductor
EPR insulation
CSPE jacket

Conductor:

Flexible stranded tin-coated copper

Separator:

A suitable opaque separator tape used over the conductor to facilitate stripping.

Insulation: EPR (Ethylene-Propylene Rubber) thermosetting compound, 90°C.

Jacket: Heavy duty, oil-resistant CPE or CSPE

Color: upon request, black is preferable

Compliances:

- ▶ ICEA S-75-381, Portable and Power Feeder Cables for use in Mines and Similar applications.
- ▶ ASTM B-33, ASTM B-172 & ASTM B-174
- ▶ UL 44 Listed as RHH-RHW
- ▶ MSHA accepted



Parameters:

| AWG or kcmil | Strand | Nominal insulation mils/mm | | Nominal jacket mils/mm | | Nominal Overall Diameter Inch/mm | | Cable Weight Lbs/kft kg/km | |
|--------------|--------|----------------------------|------|------------------------|------|----------------------------------|-------|----------------------------|------|
| 2000V | | | | | | | | | |
| 14 | 19 | 0.045 | 1.14 | 0.030 | 0.76 | 0.224 | 5.69 | 35 | 52 |
| 12 | 19 | 0.045 | 1.14 | 0.030 | 0.76 | 0.244 | 6.20 | 45 | 67 |
| 10 | 27 | 0.045 | 1.14 | 0.030 | 0.76 | 0.278 | 7.06 | 65 | 97 |
| 8 | 37 | 0.060 | 1.52 | 0.030 | 0.76 | 0.327 | 8.31 | 89 | 132 |
| 6 | 61 | 0.060 | 1.52 | 0.030 | 0.76 | 0.387 | 9.83 | 130 | 193 |
| 5 | 91 | 0.060 | 1.52 | 0.030 | 0.76 | 0.431 | 10.95 | 176 | 262 |
| 4 | 105 | 0.060 | 1.52 | 0.030 | 0.76 | 0.451 | 11.46 | 197 | 293 |
| 3 | 125 | 0.060 | 1.52 | 0.030 | 0.76 | 0.475 | 12.07 | 227 | 338 |
| 2 | 150 | 0.060 | 1.52 | 0.030 | 0.76 | 0.501 | 12.73 | 263 | 391 |
| 1 | 225 | 0.080 | 2.03 | 0.045 | 1.14 | 0.647 | 16.43 | 415 | 617 |
| 1/0 | 275 | 0.080 | 2.03 | 0.045 | 1.14 | 0.697 | 17.70 | 492 | 732 |
| 2/0 | 325 | 0.080 | 2.03 | 0.045 | 1.14 | 0.734 | 18.64 | 564 | 839 |
| 3/0 | 450 | 0.080 | 2.03 | 0.045 | 1.14 | 0.812 | 20.62 | 741 | 1102 |
| 4/0 | 550 | 0.080 | 2.03 | 0.045 | 1.14 | 0.867 | 22.02 | 881 | 1311 |
| 262.6 | 650 | 0.095 | 2.41 | 0.065 | 1.65 | 0.987 | 25.07 | 1089 | 1620 |
| 313.1 | 775 | 0.095 | 2.41 | 0.065 | 1.65 | 1.052 | 26.72 | 1268 | 1887 |
| 373.7 | 925 | 0.095 | 2.41 | 0.065 | 1.65 | 1.122 | 28.50 | 1479 | 2200 |
| 444.4 | 1100 | 0.095 | 2.41 | 0.065 | 1.65 | 1.197 | 30.40 | 1734 | 2580 |
| 535.3 | 1325 | 0.110 | 2.79 | 0.065 | 1.65 | 1.305 | 33.15 | 2081 | 3096 |
| 646.4 | 1600 | 0.110 | 2.79 | 0.065 | 1.65 | 1.397 | 35.48 | 2461 | 3661 |
| 777.7 | 1925 | 0.110 | 2.79 | 0.065 | 1.65 | 1.487 | 37.77 | 2903 | 4319 |
| 929.2 | 2300 | 0.110 | 2.79 | 0.065 | 1.65 | 1.594 | 40.49 | 3417 | 5084 |
| 1111 | 2750 | 0.125 | 3.18 | 0.065 | 1.65 | 1.756 | 44.60 | 4084 | 6076 |
| 600V | | | | | | | | | |
| 16 | 26 | 0.030 | 0.76 | 0.030 | 0.76 | 0.180 | 4.57 | 25 | 37 |
| 14 | 41 | 0.045 | 1.14 | 0.030 | 0.76 | 0.225 | 5.72 | 40 | 60 |
| 12 | 65 | 0.045 | 1.14 | 0.030 | 0.76 | 0.245 | 6.22 | 50 | 74 |
| 10 | 104 | 0.045 | 1.14 | 0.030 | 0.76 | 0.270 | 6.86 | 70 | 104 |