

2000V DLO & Industrial Motor Lead

DESCRIPTION

This specification covers 2000 volt rated single conductor power cables having flexible stranded conductors insulated with ethylene propylene rubber (EPR) with a black thermoset jacket. (2000 Volts) (90°C) (UL Listed) (Passes FT4) (Flame retardant, passes MSHA Flame Test) (CT Rated)

Sizes

#14 AWG - #1111 KCMIL

Insulation

Ethylene propylene rubber (EPR)

APPLICATIONS

These cables were 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 flexible wiring for installation in conduit and tray per the NEC.

CONSTRUCTION

DLO • 2000 VOLT • 90°C

UL listed type RHH/RHW with stranded, annealed coated copper conductor, separator when required, EPR insulation, heavy-duty, oil and sunlight resistant thermoset jacket.

| PART NUMBER | SIZE | STRANDING | COND. O.D. | INSULATION THICKNESS (IN) | JACKET THICKNESS (IN) | NOMINAL O.D. (IN) | AMPACITIES (1) | SHIP WT. LBS./ M FT |
|-------------|------|------------|------------|---------------------------|-----------------------|-------------------|----------------|---------------------|
| 05-0265 | 14 | 19/.0147 | .073 | .045 | .020 | .210 | 35 | 35 |
| 05-0267 | 12 | 19/.0185 | .092 | .045 | .020 | .230 | 40 | 45 |
| 05-0269 | 10 | 27/.0201 | .123 | .045 | .020 | .260 | 55 | 63 |
| 05-0271 | 8 | 41/.0201 | .156 | .055 | .030 | .330 | 80 | 74 |
| 05-0273 | 6 | 65/.0201 | .186 | .060 | .030 | .370 | 105 | 137 |
| 05-0275 | 4 | 105/.0201 | .240 | .060 | .030 | .420 | 140 | 219 |
| 05-0277 | 2 | 168/.0201 | .325 | .060 | .030 | .520 | 190 | 296 |
| 05-0279 | 1 | 224/.0201 | .390 | .080 | .045 | .654 | 220 | 434 |
| 05-0281 | 1/0 | 273/.0201 | .420 | .080 | .045 | .685 | 260 | 526 |
| 05-0283 | 2/0 | 324/.0201 | .460 | .080 | .045 | .730 | 300 | 601 |
| 05-0285 | 3/0 | 448/.0201 | .565 | .080 | .045 | .830 | 350 | 823 |
| 05-0287 | 4/0 | 551/.0201 | .590 | .080 | .045 | .855 | 405 | 928 |
| 05-0289 | 262 | 646/.0201 | .660 | .095 | .065 | 1.000 | 470 | 1110 |
| 05-0291 | 313 | 779/.0201 | .740 | .095 | .065 | 1.075 | 510 | 1332 |
| 05-0293 | 373 | 925/.0201 | .795 | .095 | .065 | 1.130 | 590 | 1537 |
| 05-0295 | 444 | 1110/.0201 | .870 | .095 | .065 | 1.210 | 655 | 1803 |
| 05-0297 | 535 | 1332/.0201 | .970 | .120 | .065 | 1.355 | 730 | 2216 |
| 05-0299 | 646 | 1591/.0201 | 1.060 | .110 | .065 | 1.430 | 815 | 2593 |
| 05-0301 | 777 | 1924/.0201 | 1.120 | .110 | .065 | 1.495 | 905 | 3062 |
| 05-0303 | 929 | 2318/.0201 | 1.230 | .110 | .065 | 1.605 | 1005 | 3675 |
| 05-0305 | 1111 | 2725/.0201 | 1.370 | .125 | .065 | 1.785 | 1115 | 4104 |

(1) Ampacities (AMPS per conductor) are based on single conductor in free air, 30°C ambient temperature in air, 90°C conductor temperature and Table 310-17 of the N.E.C.

> Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.