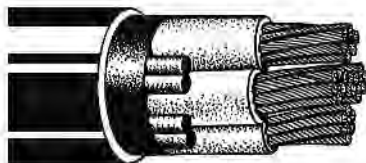


Type W Lead Cured



Product Description

Heavy duty
EPR insulation
Thermoset jacket
90°C, 600/2,000 V

Applications

For use in mining machines, loaders and welders; as motor leads; in temporary power installations; in utility maintenance; and in other mobile equipment.

Specifications

- CONDUCTOR*: Rope-stranded, tinned copper
- INSULATION: Ethylene Propylene Rubber (EPR)
- ASSEMBLY: The specified number of conductors cabled with fillers, over-wrapped with reinforced binder, separator where applicable
- OVERALL JACKET: Lead cured thermoset compound
- STANDARDS: Meets the requirements of ICEA S-75-381 (NEMA WC58), accepted by MSHA and marked with the manufacturer's P number
- AMPACITY: Based on an ambient temperature of 40°C and conductor temperature of 90°C per ICEA S-75-381, Table H-1. Additional ampacities available in NEC Table 400.5 (B)
- TEMPERATURE: 90°C
- VOLTAGE: 600/2,000 V

CV cured available. Diameters and weights may vary among manufacturers.

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| Part No. | Conductor Size AWG/kcmil | No. of Strands | No. of Conductors | Insulation Thickness (in.) | Nom. O.D. (in.) | Approx. Wt. lb./1,000 ft. | Amps per Conductor |
|----------|-----------------------------|----------------|----------------------|-------------------------------|-----------------|------------------------------|-----------------------|
| 5B-0801 | 8 | 133 | 1 | 0.060 | 0.440 | 130 | 83 |
| 5B-0802 | 8 | 133 | 2 | 0.060 | 0.810 | 400 | 72 |
| 5B-0803 | 8 | 133 | 3 | 0.060 | 1.005 | 564 | 59 |
| 5B-0804 | 8 | 133 | 4 | 0.060 | 1.025 | 674 | 54 |
| 5B-0601 | 6 | 133 | 1 | 0.060 | 0.510 | 175 | 109 |
| 5B-0602 | 6 | 133 | 2 | 0.060 | 0.930 | 580 | 95 |
| 5B-0603 | 6 | 133 | 3 | 0.060 | 1.010 | 740 | 79 |
| 5B-0604 | 6 | 133 | 4 | 0.060 | 1.100 | 895 | 72 |
| 5B-0401 | 4 | 259 | 1 | 0.060 | 0.570 | 230 | 145 |
| 5B-0402 | 4 | 259 | 2 | 0.060 | 1.080 | 770 | 127 |
| 5B-0403 | 4 | 259 | 3 | 0.060 | 1.170 | 1,050 | 104 |
| 5B-0404 | 4 | 259 | 4 | 0.060 | 1.270 | 1,300 | 93 |
| 5B-0301 | 3 | 259 | 1 | 0.060 | 0.630 | 310 | 167 |
| 5B-0303 | 3 | 259 | 3 | 0.060 | 1.240 | 1,195 | 120 |
| 5B-0304 | 3 | 259 | 4 | 0.060 | 1.340 | 1,465 | 106 |
| 5B-0201 | 2 | 259 | 1 | 0.060 | 0.660 | 375 | 192 |
| 5B-0202 | 2 | 259 | 2 | 0.060 | 1.270 | 1,150 | 167 |
| 5B-0203 | 2 | 259 | 3 | 0.060 | 1.340 | 1,390 | 139 |
| 5B-0204 | 2 | 259 | 4 | 0.060 | 1.480 | 1,805 | 122 |
| 5B-0101 | 1 | 259 | 1 | 0.080 | 0.740 | 455 | 223 |
| 5B-0102 | 1 | 259 | 2 | 0.080 | 1.440 | 1,500 | 191 |
| 5B-0103 | 1 | 259 | 3 | 0.080 | 1.510 | 1,775 | 161 |
| 5B-0104 | 1 | 259 | 4 | 0.080 | 1.680 | 2,260 | 143 |
| 5B-1011 | 1/0 | 259 | 1 | 0.080 | 0.770 | 500 | 258 |
| 5B-1012 | 1/0 | 259 | 2 | 0.080 | 1.520 | 1,700 | 217 |
| 5B-1013 | 1/0 | 259 | 3 | 0.080 | 1.650 | 2,320 | 186 |
| 5B-1014 | 1/0 | 259 | 4 | 0.080 | 1.790 | 2,605 | 165 |
| 5B-2021 | 2/0 | 259 | 1 | 0.080 | 0.820 | 600 | 298 |
| 5B-2022 | 2/0 | 259 | 2 | 0.080 | 1.650 | 2,220 | 250 |
| 5B-2023 | 2/0 | 259 | 3 | 0.080 | 1.750 | 2,590 | 215 |
| 5B-2024 | 2/0 | 259 | 4 | 0.080 | 1.930 | 3,380 | 192 |
| 5B-3031 | 3/0 | 259 | 1 | 0.080 | 0.890 | 770 | 345 |
| 5B-3033 | 3/0 | 259 | 3 | 0.080 | 1.890 | 2,345 | 249 |
| 5B-3034 | 3/0 | 259 | 4 | 0.080 | 2.070 | 3,850 | 221 |
| 5B-4041 | 4/0 | 259 | 1 | 0.080 | 0.930 | 895 | 400 |
| 5B-4043 | 4/0 | 259 | 3 | 0.080 | 2.040 | 3,715 | 287 |
| 5B-4044 | 4/0 | 259 | 4 | 0.080 | 2.260 | 4,505 | 255 |
| 5B-2501 | 250 | 608 | 1 | 0.095 | 1.030 | 1,101 | 445 |
| 5B-2503 | 250 | 608 | 3 | 0.095 | 2.390 | 4,050 | 320 |
| 5B-3501 | 350 | 851 | 1 | 0.095 | 1.150 | 1,410 | 552 |
| 5B-3503 | 350 | 851 | 3 | 0.095 | 2.680 | 5,300 | 394 |
| 5B-5001 | 500 | 1,221 | 1 | 0.095 | 1.310 | 1,940 | 695 |
| 5B-5003 | 500 | 1,221 | 3 | 0.095 | 3.030 | 8,080 | 487 |

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Conductor color code chart

| Number of Conductors | Cable Types | Color Identification | Number of Conductors | Cable Types | Color Identification |
|----------------------|-------------------------|--------------------------|------------------------|------------------------|----------------------------------|
| 2 | All | Black, White | 4 | G Round | Black, White, Red, Orange |
| 3 | G or G-GC Round or Flat | Black, White, Red | 4 | W Round | Black, White, Red, Green |
| 3 | SHD-GC | Black, White, Red | 5 | W Round | Black, White, Red, Green, Orange |
| 3 | W Round and Flat | Flat Black, White, Green | Ground Check Conductor | SHD-GC, GGC and MPF-GC | Yellow |

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