



“Taking Care of Business”

toll free: 800-929-9473

PORTABLE POWER CABLE TYPE W FIVE CONDUCTOR ROUND -40DEG C +90DEG C, 2000VOLTS

CONSTRUCTION:

CONDUCTOR FLEXIBLE SOFT DRAWN BARE COPPER.

INSULATION 90DEGREE C THERMOSET EP RUBBER. COLOR CODED BLACK, WHITE, GREEN , RED AND ORANGE.

ASSEMBLY INSULATED CONDUCTORS CABLED TOGETHER WITH FILLERS AS NEEDED AND SUITABLE CABLE TAPE.

JACKET EXTRA HARD USAGE BLACK THERMOSET CPE WHICH IS RESISTANT TO ABRASION, OIL, CHEMICALS, SUNLIGHT, AND WATER.

| Charlotte Wire Part# | Size AWG | Number of Conductors | Number of Strands | Insulation Thickness (in.) | Rating in Amps* | Overall Diameter (in.) | Approx. Net Wt. (Lbs/Mft) |
|----------------------|----------|----------------------|-------------------|----------------------------|-----------------|------------------------|---------------------------|
| CW03480 | 8 | 5 | 133 | .060" | 52 | 1.07" | 775 |
| CW03481 | 6 | 5 | 259 | .060" | 70 | 1.21" | 1020 |
| CW03482 | 4 | 5 | 259 | .060" | 91 | 1.40" | 1440 |
| CW03483 | 2 | 5 | 259 | .060" | 122 | 1.61" | 2070 |
| CW03484 | 1 | 5 | 259 | .080" | 142 | 1.90" | 2930 |
| CW03485 | 1/0 | 5 | 266 | .080" | 164 | 2.00" | 3390 |
| CW03486 | 2/0 | 5 | 342 | .080" | 190 | 2.16" | 4060 |
| CW03487 | 3/0 | 5 | 418 | .080" | 219 | 2.30" | 4890 |
| CW03488 | 4/0 | 5 | 532 | .080" | 253 | 2.49" | 5930 |

*Ampacity based on 30Deg C ambient temperature, and 90Deg C conductor temperature per NEC Table 400.5(A)(2).

APPLICATION:

Suitable for use on mobile mining equipment, cranes, conveyors, pumps, temporary power supply, and portable heavy duty equipment. Designed for extra hard usage and for equipment that is exposed to chemicals, oil, sunlight and moisture.

STANDARDS:

NEC Type W.
Passes MSHA flame test.
Passes CSA FT5 flame test.

COLOR CODE:

5/C: Black, White, Green, Red, and Orange.