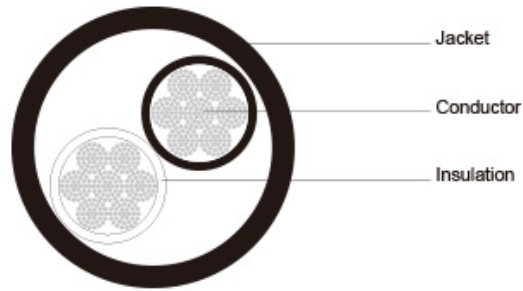


Type W Two-Conductor Round Portable Power Cable 2kV



Applications

These cables are designed for general use where baregrounding conductors are not required or desired.

Standards

ICEA S-75-381/NEMA WC 58 ASTM B 172 ASTM B 33 CAN/CSA C22.2 No. 96

Construction

Conductors

Stranded annealed tinned copper conductor.

Insulation

Ethylene Propylene Rubber (EPR).

Sheath

Reinforced heavy-duty/extra-heavy-duty Chlorinated Polyethylene (CPE), black. (Cables having a nominal outside diameter of more than 2.0 inches require extra-heavy-duty jackets.)

Options

Other jacket materials such as CSP/PCP/NBR/PVC are available upon request. Two-layer jacket with reinforcing fibre between the two layers can be offered as an option.

Mechanical and Thermal Properties

Minimum Bending Radius: 6×OD
Maximum Operating Temperature: +90°C

Dimensions and Weight:

| Construction | No. of Strands | Nominal Insulation Thickness | | Nominal Jacket Thickness | | Nominal Overall Diameter | | Nominal Weight | | Ampacity |
|------------------------|----------------|------------------------------|-----|--------------------------|-----|--------------------------|------|----------------|-------|----------|
| | | inch | mm | inch | mm | inch | mm | lbs/kft | kg/km | |
| No. of cores×AWG/kcmil | | inch | mm | inch | mm | inch | mm | lbs/kft | kg/km | A |
| 2×8 | 166 | 0.06 | 1.5 | 0.110 | 2.8 | 0.83 | 21.1 | 391 | 581 | 72 |
| 2×6 | 259 | 0.06 | 1.5 | 0.125 | 3.2 | 0.94 | 23.9 | 571 | 849 | 95 |
| 2×4 | 412 | 0.06 | 1.5 | 0.140 | 3.6 | 1.07 | 27.3 | 793 | 1180 | 127 |
| 2×2 | 259 | 0.06 | 1.5 | 0.155 | 3.9 | 1.26 | 32.1 | 1142 | 1699 | 167 |
| 2×1/0 | 414 | 0.08 | 2.0 | 0.170 | 4.3 | 1.51 | 38.3 | 1693 | 2520 | 217 |
| 2×2/0 | 522 | 0.08 | 2.0 | 0.170 | 4.3 | 1.65 | 41.9 | 1908 | 2840 | 250 |
| 2×3/0 | 658 | 0.08 | 2.0 | 0.190 | 4.8 | 1.77 | 45.0 | 2600 | 3870 | 286 |
| 2×4/0 | 829 | 0.08 | 2.0 | 0.190 | 4.8 | 1.92 | 48.8 | 2675 | 3980 | 328 |
| 2×250 | 973 | 0.095 | 2.4 | 0.205 | 5.2 | 2.10 | 53.3 | 3434 | 5110 | 363 |

Ampacity-Based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381.