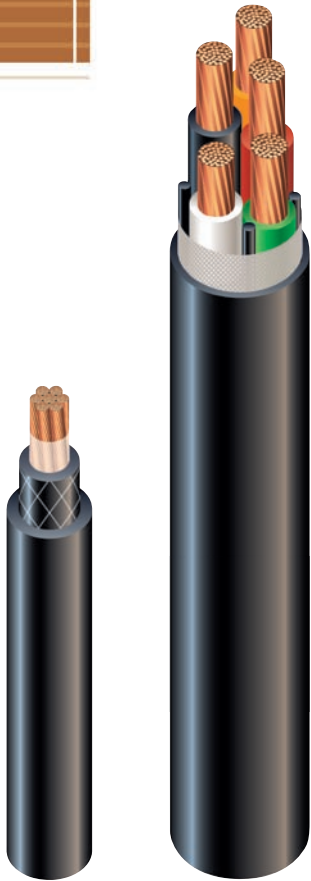


TYPE W ROUND

90°C (UL) TYPE W 2000 VOLT PORTABLE POWER CABLE



Withstands Severe Environmental Conditions

Indent-Printed for Easy Identification

Withstands Exposure to Oil, Acid, Alkalies, Heat, Moisture and Most Chemicals

Rope Lay Stranding for Maximum Flex Life

Excellent Impact Resistance

Cable Core Bound for Superior Flexibility and Toughness

APPLICATIONS Suitable for use as follows:

- Industrial and light- to medium-duty mining applications
- Heavy-duty service as power supply cable
- AC systems (grounded and ungrounded)
- Mobile and portable electrical equipment
- Motor and battery leads
- 2-conductor cables—use on DC or AC single-phase systems where grounding is not required
- 3-conductor cables—use on AC systems where no grounding is required, or on DC systems with one conductor for grounding
- 4-conductor cables—use on two- or three- phase AC systems with one conductor used for grounding
- 5-conductor cables—use in applications where separating the system neutral from the frame ground is required

STANDARDS & REFERENCES

- CSA
- MSHA Approved
- UL Type W
- RoHS Compliant

CONSTRUCTION

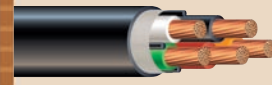
- Conductor: 8 AWG through 500 MCM fully annealed stranded bare copper
- Insulation: Premium-grade, color-coded 90°C EPDM
- Jacket: VIPER™ CPE 90°C, black
Temperature range: -40°C to +90°C
- Sample Jacket Marking:
SIZES SMALLER THAN 2-1/4" – SOUTHWIRE VIPER™ (SIZE) TYPE W PORTABLE POWER CABLE (UL) 2000V DRY 90°C WET 75°C SUN RES CSA (-40°C) FT-5 P-7K-123049 MSHA
SIZES 2-1/4" AND LARGER – (SIZE) TYPE W SOUTHWIRE VIPER™ 90°C DRY AND WATER RESISTANT 75°C 2000V SUN RES (UL) P-7K-123049 MSHA LR27161

PACKAGING

- Lengths cut to order
- Single conductor 90°C (UL) Type W 2000 Volt and Type RHH/RHW 600 Volt Portable Power cable also available
- Some constructions subject to minimum order quantity

| # OF CONDUCTORS | COLOR SEQUENCE | COLOR CODING |
|-----------------|----------------|----------------------------------|
| 2 | | white, black |
| 3 | | white, black, green |
| 4 | | white, black, red, green |
| 5 | | white, black, red, orange, green |





INDUSTRIAL CORD

TYPE W ROUND 90°C (UL) TYPE W 2000 VOLT PORTABLE POWER CABLE

| WEIGHTS, MEASUREMENTS AND PACKAGING | | | | | | | | |
|---|------------|------------------|------------------------------|------|--------------------------|-------|---------------|----------------------------|
| NUMBER OF CONDUCTORS | AWG OR MCM | CONDUCTOR STRAND | NOMINAL INSULATION THICKNESS | | NOMINAL OVERALL DIAMETER | | CURRENT AMPS* | APPROX. NET WEIGHT LBS/M** |
| | | | inches | mm | inches | mm | | |
| 2 CONDUCTOR – TYPE W – 2000 VOLT | | | | | | | | |
| 2 | 8 | 133 | 0.060 | 1.52 | 0.780 | 19.81 | 74 | 365 |
| 2 | 6 | 259 | 0.060 | 1.52 | 0.910 | 23.11 | 99 | 515 |
| 2 | 4 | 259 | 0.060 | 1.52 | 1.040 | 26.42 | 130 | 730 |
| 2 | 2 | 259 | 0.080 | 2.03 | 1.220 | 30.99 | 174 | 1000 |
| 2 | 1 | 259 | 0.080 | 2.03 | 1.440 | 36.58 | 202 | 1490 |
| 2 | 1/0 | 259 | 0.080 | 2.03 | 1.520 | 38.61 | 234 | 1710 |
| 2 | 2/0 | 259 | 0.080 | 2.03 | 1.650 | 41.92 | 271 | 1880 |
| 2 | 3/0 | 259 | 0.080 | 2.03 | 1.770 | 44.96 | 313 | 2420 |
| 2 | 4/0 | 259 | 0.080 | 2.03 | 1.920 | 48.77 | 361 | 2940 |
| 3 CONDUCTOR – TYPE W – 2000 VOLT | | | | | | | | |
| 3 | 8 | 133 | 0.060 | 1.52 | 0.925 | 23.50 | 74 | 525 |
| 3 | 6 | 259 | 0.060 | 1.52 | 0.995 | 25.27 | 99 | 660 |
| 3 | 4 | 259 | 0.060 | 1.52 | 1.125 | 28.58 | 130 | 900 |
| 3 | 2 | 259 | 0.080 | 2.03 | 1.285 | 32.64 | 174 | 1300 |
| 3 | 1 | 259 | 0.080 | 2.03 | 1.490 | 37.85 | 202 | 1600 |
| 3 | 1/0 | 259 | 0.080 | 2.03 | 1.650 | 41.92 | 234 | 2280 |
| 3 | 2/0 | 259 | 0.080 | 2.03 | 1.750 | 44.45 | 271 | 2680 |
| 3 | 3/0 | 259 | 0.080 | 2.03 | 1.890 | 48.01 | 313 | 3220 |
| 3 | 4/0 | 259 | 0.095 | 2.41 | 2.040 | 51.82 | 361 | 3900 |
| 3 | 250 | 627 | 0.095 | 2.41 | 2.390 | 60.71 | 402 | 5070 |
| 3 | 350 | 855 | 0.095 | 2.41 | 2.680 | 68.07 | 495 | 6570 |
| 3 | 500 | 1235 | 0.095 | 2.41 | 3.030 | 76.96 | 613 | 8700 |
| 4 CONDUCTOR – TYPE W – 2000 VOLT | | | | | | | | |
| 4 | 8 | 133 | 0.060 | 1.52 | 0.985 | 25.02 | 65 | 620 |
| 4 | 6 | 259 | 0.060 | 1.52 | 1.090 | 27.69 | 87 | 825 |
| 4 | 4 | 259 | 0.060 | 1.52 | 1.220 | 30.99 | 114 | 1175 |
| 4 | 2 | 259 | 0.080 | 2.03 | 1.420 | 36.07 | 152 | 1650 |
| 4 | 1 | 259 | 0.080 | 2.03 | 1.680 | 42.67 | 177 | 2450 |
| 4 | 1/0 | 259 | 0.080 | 2.03 | 1.720 | 43.69 | 205 | 2570 |
| 4 | 2/0 | 259 | 0.080 | 2.03 | 1.930 | 49.02 | 237 | 3450 |
| 4 | 3/0 | 259 | 0.080 | 2.03 | 2.070 | 52.58 | 274 | 4050 |
| 4 | 4/0 | 259 | 0.080 | 2.03 | 2.260 | 57.40 | 316 | 4970 |
| 5 CONDUCTOR – TYPE W – 2000 VOLT | | | | | | | | |
| 5 | 8 | 133 | 0.060 | 1.52 | 1.050 | 26.67 | 52 | 710 |
| 5 | 6 | 259 | 0.060 | 1.52 | 1.205 | 30.61 | 69 | 1010 |
| 5 | 4 | 259 | 0.060 | 1.52 | 1.550 | 39.37 | 91 | 1400 |
| 5 | 2 | 259 | 0.080 | 2.03 | 1.610 | 40.89 | 121 | 2340 |
| 5 | 1 | 259 | 0.080 | 2.03 | 1.880 | 47.75 | 141 | 3040 |
| 5 | 1/0 | 259 | 0.080 | 2.03 | 2.075 | 52.71 | 164 | 3460 |
| 5 | 2/0 | 259 | 0.080 | 2.03 | 2.130 | 54.10 | 189 | 4180 |
| 5 | 3/0 | 259 | 0.080 | 2.03 | 2.260 | 57.40 | 219 | 4900 |
| 5 | 4/0 | 259 | 0.080 | 2.03 | 2.460 | 62.48 | 252 | 5980 |

* Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 400.5(B) of the National Electrical Code®.
 ** Actual shipping weight may vary.