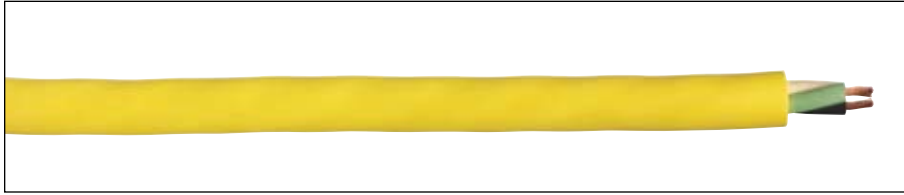


# Super Vu-Tron® III Types SJOOW/SOOW

## 105°C 300 and 600 Volt UL/CSA Portable Cord



TYPE SJOOW – 300 VOLT – UL/CSA

| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOMINAL INS. THICKNESS |      | NOMINAL O.D. |       | CURRENT AMPS† | APPROX. NET WT. LBS/M <sup>(S)</sup> | STD. CTN. |
|----------------|--------------|----------|--------------|------------------------|------|--------------|-------|---------------|--------------------------------------|-----------|
|                |              |          |              | INCHES                 | mm   | INCHES       | mm    |               |                                      |           |
| 02001*         | 2            | 18       | 41/34        | 0.030                  | 0.76 | 0.310        | 8.00  | 10            | 56                                   | 1000'     |
| 02002*         | 3            | 18       | 41/34        | 0.030                  | 0.76 | 0.320        | 8.12  | 10            | 65                                   | 1000'     |
| 02003*         | 4            | 18       | 41/34        | 0.030                  | 0.76 | 0.345        | 8.76  | 7             | 80                                   | 250'      |
| 02004*         | 2            | 16       | 65/34        | 0.030                  | 0.76 | 0.315        | 8.00  | 13            | 68                                   | 1000'     |
| 02005*         | 3            | 16       | 65/34        | 0.030                  | 0.76 | 0.335        | 8.51  | 13            | 80                                   | 250'      |
| 02006*         | 4            | 16       | 65/34        | 0.030                  | 0.76 | 0.370        | 9.40  | 10            | 95                                   | 250'      |
| 02007*         | 2            | 14       | 41/30        | 0.030                  | 0.76 | 0.370        | 9.40  | 18            | 90                                   | 250'      |
| 02008*         | 3            | 14       | 41/30        | 0.030                  | 0.76 | 0.375        | 9.52  | 18            | 110                                  | 250'      |
| 02009*         | 4            | 14       | 41/30        | 0.030                  | 0.76 | 0.405        | 10.29 | 15            | 130                                  | 250'      |

TYPE SOOW – 600 VOLT – UL/CSA

| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOMINAL INS. THICKNESS |      | NOMINAL O.D. |       | CURRENT AMPS† | APPROX. NET WT. LBS/M <sup>(S)</sup> | STD. CTN. |
|----------------|--------------|----------|--------------|------------------------|------|--------------|-------|---------------|--------------------------------------|-----------|
|                |              |          |              | INCHES                 | mm   | INCHES       | mm    |               |                                      |           |
| 02031*         | 2            | 18       | 41/34        | 0.030                  | 0.76 | 0.365        | 9.27  | 10            | 75                                   | 250'      |
| 02032*         | 3            | 18       | 41/34        | 0.030                  | 0.76 | 0.375        | 9.53  | 10            | 80                                   | 250'      |
| 02033*         | 4            | 18       | 41/34        | 0.030                  | 0.76 | 0.400        | 10.16 | 7             | 110                                  | 250'      |
| 02034*         | 2            | 16       | 65/34        | 0.030                  | 0.76 | 0.370        | 9.40  | 13            | 75                                   | 250'      |
| 02035*         | 3            | 16       | 65/34        | 0.030                  | 0.76 | 0.395        | 10.80 | 13            | 100                                  | 250'      |
| 02036*         | 4            | 16       | 65/34        | 0.030                  | 0.76 | 0.425        | 10.80 | 10            | 120                                  | 250'      |
| 02021*         | 5            | 16       | 65/34        | 0.030                  | 0.76 | 0.515        | 13.08 | 8             | 150                                  | 250'      |
| 02037*         | 2            | 14       | 41/30        | 0.045                  | 1.14 | 0.510        | 12.95 | 18            | 155                                  | 250'      |
| 02038*         | 3            | 14       | 41/30        | 0.045                  | 1.14 | 0.525        | 13.34 | 18            | 165                                  | 250'      |
| 02039*         | 4            | 14       | 41/30        | 0.045                  | 1.14 | 0.575        | 14.61 | 15            | 215                                  | 250'      |
| 02022*         | 5            | 14       | 41/30        | 0.045                  | 1.14 | 0.675        | 17.15 | 12            | 285                                  | 250'      |
| 02041*         | 2            | 12       | 65/30        | 0.045                  | 1.14 | 0.590        | 14.99 | 25            | 200                                  | 250'      |
| 02042*         | 3            | 12       | 65/30        | 0.045                  | 1.14 | 0.600        | 15.24 | 25            | 250                                  | 250'      |
| 02043*         | 4            | 12       | 65/30        | 0.045                  | 1.14 | 0.650        | 16.51 | 20            | 280                                  | 250'      |
| 02023*         | 5            | 12       | 65/30        | 0.045                  | 1.14 | 0.730        | 18.54 | 16            | 315                                  | 250'      |
| 02045*         | 3            | 10       | 104/30       | 0.045                  | 1.14 | 0.660        | 16.76 | 30            | 320                                  | 250'      |
| 02046*         | 4            | 10       | 104/30       | 0.045                  | 1.14 | 0.710        | 18.03 | 25            | 375                                  | 250'      |
| 02024*         | 5            | 10       | 104/30       | 0.045                  | 1.14 | 0.770        | 19.56 | 20            | 432                                  | 250'      |

\* Non-stock item available by special order; minimum quantity purchase required.

† Green conductor for grounding only. Ampacities based on NEC table 400.5(A).

<sup>(S)</sup>Actual shipping weight may vary.

### Product Construction:

#### Conductors:

- 18 through 10 AWG fully annealed stranded bare copper per ASTM B-174

#### Insulation:

- Premium-grade, color-coded, oil-resistant 105°C EPDM
- Color code: See chart below

#### Jacket:

- Super Vu-Tron® III, yellow
- Temperature range: -50°C to +105°C UL/CSA
- Voltage rating: 300 volts Type SJOOW, 600 volts Type SOOW

#### Jacket Marking:

- CAROL SUPER VU-TRON® III (SIZE) (mm<sup>2</sup>) 105°C (UL) WATER RESISTANT SJOOW (OR SOOW) CSA -50°C FT-1 --- P-123-103 MSHA (VOLTS) RoHS MADE IN USA

### Applications:

- Machine tools
- Power tools
- Dockside power applications
- Motor leads
- Portable machinery
- Cranes
- Submersible pumps

### Features:

- Excellent flexibility in cold temperatures
- Last longer in flex applications
- Integral Flexfill®
- Ozone-sunlight (UV)- and weather-resistant
- UL Listed and CSA Certified for indoor and outdoor use
- Water-resistant, sunlight (UV)- resistant
- Safety-colored
- High heat and flame resistance
- Resistant to oils, acids and chemicals
- Excellent abrasion and cut resistance

### Industry Approvals:

- UL Flexible Cord - UL Subject 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

### Packaging:

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order

### COLOR CODE CHART

| NO. OF CONDUCTORS | COLOR                            |
|-------------------|----------------------------------|
| 2                 | Black, White                     |
| 3                 | Black, White, Green              |
| 4                 | Black, White, Red, Green         |
| 5                 | Black, White, Red, Orange, Green |

