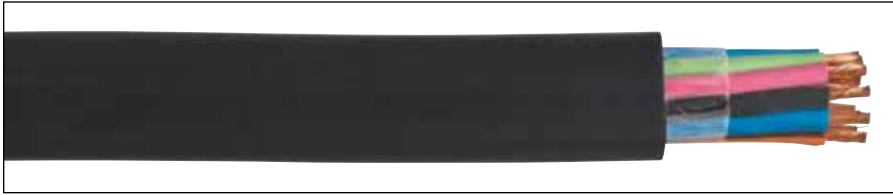


Super Vu-Tron® Multi-Conductor Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord



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 ^(S) |
|----------------|--------------|----------|--------------|------------------------|------|--------------|-------|---------------|--------------------------------------|
| | | | | INCHES | mm | INCHES | mm | | |
| 09805 | 5 | 18 | 16/30 | 0.030 | 0.76 | 0.465 | 11.81 | 5.6 | 131 |
| 09806 | 6 | 18 | 16/30 | 0.030 | 0.76 | 0.495 | 12.57 | 5.6 | 142 |
| 09807 | 7 | 18 | 16/30 | 0.030 | 0.76 | 0.520 | 13.21 | 5.6 | 161 |
| 09808 | 8 | 18 | 16/30 | 0.030 | 0.76 | 0.530 | 13.46 | 4.9 | 173 |
| 09810 | 10 | 18 | 16/30 | 0.030 | 0.76 | 0.595 | 15.11 | 4.9 | 221 |
| 09812 | 12 | 18 | 16/30 | 0.030 | 0.76 | 0.600 | 15.24 | 3.5 | 235 |
| 09814 | 14 | 18 | 16/30 | 0.030 | 0.76 | 0.630 | 16.00 | 3.5 | 262 |
| 09816 | 16 | 18 | 16/30 | 0.030 | 0.76 | 0.700 | 17.78 | 3.5 | 306 |
| 09818* | 18 | 18 | 16/30 | 0.030 | 0.76 | 0.760 | 19.30 | 3.5 | 341 |
| 09820 | 20 | 18 | 16/30 | 0.030 | 0.76 | 0.795 | 20.19 | 3.5 | 377 |
| 09822* | 22 | 18 | 16/30 | 0.030 | 0.76 | 0.805 | 20.45 | 3.1 | 400 |
| 09824 | 24 | 18 | 16/30 | 0.030 | 0.76 | 0.850 | 21.59 | 3.1 | 453 |
| 09827* | 27 | 18 | 16/30 | 0.030 | 0.76 | 0.865 | 21.97 | 3.1 | 475 |
| 09830* | 30 | 18 | 16/30 | 0.030 | 0.76 | 0.915 | 23.24 | 3.1 | 524 |
| 09605 | 5 | 16 | 26/30 | 0.030 | 0.76 | 0.495 | 12.57 | 8.0 | 152 |
| 09606 | 6 | 16 | 26/30 | 0.030 | 0.76 | 0.520 | 13.21 | 8.0 | 184 |
| 09607 | 7 | 16 | 26/30 | 0.030 | 0.76 | 0.540 | 13.72 | 8.0 | 210 |
| 09608 | 8 | 16 | 26/30 | 0.030 | 0.76 | 0.575 | 14.61 | 7.0 | 228 |
| 09609 | 9 | 16 | 26/30 | 0.030 | 0.76 | 0.600 | 15.24 | 7.0 | 255 |
| 09610 | 10 | 16 | 26/30 | 0.030 | 0.76 | 0.620 | 15.75 | 5.0 | 260 |
| 09612 | 12 | 16 | 26/30 | 0.030 | 0.76 | 0.660 | 16.76 | 5.0 | 319 |
| 09614 | 14 | 16 | 26/30 | 0.030 | 0.76 | 0.730 | 18.54 | 5.0 | 343 |
| 09616 | 16 | 16 | 26/30 | 0.030 | 0.76 | 0.740 | 18.80 | 5.0 | 367 |
| 09618* | 18 | 16 | 26/30 | 0.030 | 0.76 | 0.770 | 19.56 | 5.0 | 405 |
| 09620 | 20 | 16 | 26/30 | 0.030 | 0.76 | 0.810 | 20.57 | 5.0 | 444 |
| 09622* | 22 | 16 | 26/30 | 0.030 | 0.76 | 0.900 | 22.86 | 4.5 | 510 |
| 09624 | 24 | 16 | 26/30 | 0.030 | 0.76 | 0.925 | 23.50 | 4.5 | 547 |
| 09626* | 26 | 16 | 26/30 | 0.030 | 0.76 | 0.965 | 24.51 | 4.5 | 611 |
| 09630 | 30 | 16 | 26/30 | 0.030 | 0.76 | 1.010 | 25.65 | 4.5 | 685 |

† Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current carrying capacity. Ampacities based on NEC Table 400.5(A)(1).

* Non-stock item; minimum quantity purchase required.

^(S)Actual shipping weight may vary.

COLOR CODE CHART

| NO. OF COND. | COLOR | TRACER | NO. OF COND. | COLOR | TRACER | NO. OF COND. | COLOR | TRACER |
|--------------|--------|--------|--------------|--------|--------|--------------|--------|--------|
| 1 | Black | — | 8 | Red | Black | 15 | Blue | White |
| 2 | White | — | 9 | Green | Black | 16 | Black | Red |
| 3 | Red | — | 10 | Orange | Black | 17 | White | Red |
| 4 | Green | — | 11 | Blue | Black | 18 | Orange | Red |
| 5 | Orange | — | 12 | Black | White | 19 | Blue | Red |
| 6 | Blue | — | 13 | Red | White | 20 | Red | Green |
| 7 | White | Black | 14 | Green | White | 21 | Orange | Green |

Note: Colors repeat after 21 conductors.

Product Construction:

Conductors:

- 18 and 16 AWG fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- CAROL SUPER VU-TRON® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS MADE IN USA

Applications:

- Control circuits
- Tools
- Heavy industrial, processing and construction equipment

Features:

- Extra-flexible stranding
- Abrasion-resistant
- Resists oils and solvents
- Flame-resistant
- Ozone-resistant
- 90°C rated conductors and jacket
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

Industry Approvals:

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

Packaging:

- 5- through 8-conductor available on 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m) reels
- 9+ cond. available on long-length reels
- Other put-ups available on special order

* Suitable for immersion in water if properly sealed and terminated.

