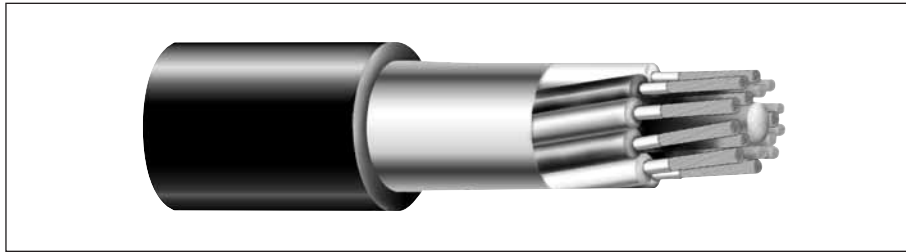


Super Vu-Tron® Multi-Conductor Type SOOW

90°C 600 Volt UL/CSA Portable Cord



TYPE SOOW – 600 VOLT – UL/CSA

| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOM. INS. THICKNESS | | NOMINAL. O.D. | | CURRENT AMPS ⁽¹⁾ | APPROX. NET WEIGHT LBS/M ⁽²⁾ |
|----------------|--------------|----------|--------------|---------------------|------|---------------|-------|-----------------------------|---|
| | | | | INCHES | mm | INCHES | mm | | |
| 09405 | 5 | 14 | 41/30 | 0.045 | 1.14 | 0.645 | 16.38 | 12 | 265 |
| 09406 | 6 | 14 | 41/30 | 0.045 | 1.14 | 0.710 | 18.03 | 12 | 310 |
| 09407* | 7 | 14 | 41/30 | 0.045 | 1.14 | 0.710 | 18.03 | 12 | 340 |
| 09408 | 8 | 14 | 41/30 | 0.045 | 1.14 | 0.760 | 19.30 | 10.5 | 380 |
| 09409 | 9 | 14 | 41/30 | 0.045 | 1.14 | 0.830 | 21.08 | 10.5 | 410 |
| 09410 | 10 | 14 | 41/30 | 0.045 | 1.14 | 0.830 | 21.08 | 10.5 | 440 |
| 09412 | 12 | 14 | 41/30 | 0.045 | 1.14 | 0.865 | 21.97 | 7.5 | 475 |
| 09414 | 14 | 14 | 41/30 | 0.045 | 1.14 | 1.000 | 25.40 | 7.5 | 585 |
| 09416 | 16 | 14 | 41/30 | 0.045 | 1.14 | 1.030 | 26.16 | 7.5 | 660 |
| 09418* | 18 | 14 | 41/30 | 0.045 | 1.14 | 1.100 | 27.94 | 7.5 | 720 |
| 09420 | 20 | 14 | 41/30 | 0.045 | 1.14 | 1.155 | 29.34 | 7.5 | 780 |
| 09424 | 24 | 14 | 41/30 | 0.045 | 1.14 | 1.260 | 32.00 | 6.7 | 980 |
| 09428* | 28 | 14 | 41/30 | 0.045 | 1.14 | 1.330 | 33.78 | 6.7 | 1080 |
| 09430 | 30 | 14 | 41/30 | 0.045 | 1.14 | 1.335 | 33.91 | 6 | 1120 |
| 09205 | 5 | 12 | 65/30 | 0.045 | 1.14 | 0.715 | 18.03 | 16 | 325 |
| 09206 | 6 | 12 | 65/30 | 0.045 | 1.14 | 0.740 | 18.80 | 16 | 386 |
| 09207* | 7 | 12 | 65/30 | 0.045 | 1.14 | 0.790 | 19.56 | 16 | 410 |
| 09208 | 8 | 12 | 65/30 | 0.045 | 1.14 | 0.825 | 20.96 | 14 | 460 |
| 09209 | 9 | 12 | 65/30 | 0.045 | 1.14 | 0.900 | 22.86 | 14 | 505 |
| 09210 | 10 | 12 | 65/30 | 0.045 | 1.14 | 1.000 | 25.40 | 14 | 580 |
| 09212 | 12 | 12 | 65/30 | 0.045 | 1.14 | 1.010 | 25.65 | 10 | 650 |
| 09214 | 14 | 12 | 65/30 | 0.045 | 1.14 | 1.020 | 27.43 | 10 | 715 |
| 09216 | 16 | 12 | 65/30 | 0.045 | 1.14 | 1.135 | 28.83 | 10 | 825 |
| 09218 | 18 | 12 | 65/30 | 0.045 | 1.14 | 1.175 | 29.97 | 10 | 895 |
| 09220 | 20 | 12 | 65/30 | 0.045 | 1.14 | 1.175 | 30.48 | 10 | 965 |
| 09224 | 24 | 12 | 65/30 | 0.045 | 1.14 | 1.375 | 35.56 | 9 | 1240 |
| 09226* | 26 | 12 | 65/30 | 0.045 | 1.14 | 1.400 | 35.56 | 9 | 1290 |
| 09227* | 27 | 12 | 65/30 | 0.045 | 1.14 | 1.455 | 37.72 | 9 | 1325 |
| 09228* | 28 | 12 | 65/30 | 0.045 | 1.14 | 1.500 | 38.10 | 9 | 1355 |
| 09230 | 30 | 12 | 65/30 | 0.045 | 1.14 | 1.500 | 38.10 | 9 | 1450 |
| 09005 | 5 | 10 | 104/30 | 0.045 | 1.14 | 0.770 | 19.56 | 20 | 465 |
| 09006* | 6 | 10 | 104/30 | 0.045 | 1.14 | 0.875 | 22.23 | 20 | 505 |
| 09008* | 8 | 10 | 104/30 | 0.045 | 1.14 | 0.935 | 23.75 | 17.5 | 625 |
| 09010 | 10 | 10 | 104/30 | 0.045 | 1.14 | 1.020 | 25.91 | 17.5 | 755 |
| 09012 | 12 | 10 | 104/30 | 0.045 | 1.14 | 1.070 | 24.51 | 12.5 | 850 |
| 09016 | 16 | 10 | 104/30 | 0.045 | 1.14 | 1.230 | 31.24 | 12.5 | 1140 |
| 09020* | 20 | 10 | 104/30 | 0.045 | 1.14 | 1.325 | 33.66 | 12.5 | 1445 |

⁽¹⁾ 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

* Non-stock item; minimum quantity purchase required.

⁽²⁾ Actual shipping weight may vary.

Product Construction:

Conductors:

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

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) 90C (UL) WATER RESISTANT SOOW CSA (-40C) FT-2 P-7K-123033 MSHA MADE IN USA 600 VOLT

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

Industry Approvals:

- UL Flexible Cord - UL Subject 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

COLOR CODE CHART

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

Note: Colors repeat after 21 conductors



Put-Ups and Color Codes

PUT-UP CODES

| Put-Up Code | Packaging | Put-Up Code | Packaging |
|-------------|----------------------------|-------------|------------------------------|
| 03 | 3 ft Coax w/ Connector HD | 70 | Cord Hanked, coil w/cuff |
| 06 | 6 ft Coax w/ Connector HD | 73 | Cord Set, long length |
| 11 | 50 ft Spool | 74 | 12' Clamshell w/ connectors |
| 12 | 100 ft Spool | 75 | 25' Clamshell w/ connectors |
| 13 | Clamshell | 76 | 50' Clamshell w/ connectors |
| 15 | 250 ft Spool | 77 | 100' Clamshell w/ connectors |
| 18 | 500 ft Spool | 78 | 15,000 ft Reel |
| 20 | 900 ft Spool | 79 | 8,000 ft Reel |
| 21 | 1000 ft Spool | 80 | Blister Pack w/ connectors |
| 24 | 2500 ft Spool | 85 | 250 ft Coil |
| 25 | 500 ft Pull Pac | 88 | 12' Sleeve w/o connector |
| 26 | 5000 ft Spool | 89 | 25' Sleeve w/o connector |
| 30 | 1000 ft Pull Pac | 90 | 50' Sleeve w/o connector |
| 32 | 150 ft Reel | 91 | 75' Sleeve w/o connector |
| 33 | 100 ft Reel | 92 | 100' Sleeve w/o connector |
| 34 | 200 ft Coil | 93 | Bulk Reel |
| 35 | 250 ft Reel | 94 | Display |
| 36 | 300 ft Reel | 96 | Wiring Devise, Skin Pack |
| 38 | 500 ft Reel | 99 | Factory Reel |
| 39 | 500 Meter = 1,640 ft | XX | Various Lengths |
| 40 | Long Length Reel | | |
| 41 | 1000 ft Reel | A1 | 250 ft Spool Pack |
| 42 | 1500 ft Reel | A2 | 500 ft Spool Pack |
| 43 | 2000 ft Reel | A3 | 1000 ft Spool Pack |
| 44 | 2500 ft Reel | A4 | 2000 ft Spool Pack |
| 45 | 4000 ft Reel | R5 | 250 ft Spool, Retail |
| 46 | 5000 ft Reel | R8 | 500 ft Spool, Retail |
| 47 | 7500 ft Reel | | |
| 48 | 10,000 ft Reel | | |
| 49 | 1600 ft Reel | | |
| 50 | 1000 Meter (3280') | | |
| 51 | 4500 ft Reel | | |
| 52 | 3000 ft Reel | | |
| 53 | 25 ft Cuff | | |
| 54 | 12 ft Clamshell | | |
| 55 | 25 ft Clamshell | | |
| 56 | 50 ft Clamshell | | |
| 57 | 100 ft Clamshell | | |
| 58 | 12 ft Sleeve w/connectors | | |
| 59 | 25 ft Sleeve w/connectors | | |
| 60 | Cord Hanked, coil w/cuff | | |
| 61 | Cord Set Box | | |
| 62 | Cord Set Bag | | |
| 63 | Cord Set Sleeve | | |
| 64 | 50 ft Sleeve w/connectors | | |
| 65 | 100 ft Sleeve w/connectors | | |
| 66 | 50 ft Cuff | | |
| 67 | 100 ft Cuff | | |
| 68 | 3500 ft Reel | | |
| 69 | Retail Spool Pac | | |

JACKET COLOR CODES

| Put-Up Code | Packaging | Put-Up Code | Packaging |
|-------------|-----------------------|-------------|----------------------|
| 00 | Uninsulated | 69 | Maple |
| 01 | Black | 70 | Walnut |
| 02 | White | 71 | Wrought Iron |
| 03 | Red | 72 | Copper |
| 04 | Orange | 73 | White/Black/Red |
| 05 | Yellow | 74 | White/Black/Orange |
| 06 | Green | 75 | White/Black/Yellow |
| 07 | Dark Blue | 76 | White/Black/Green |
| 08 | Brown | 77 | White/Black/Blue |
| 09 | Maroon | 78 | White/Black/Brown |
| 10 | Gray | 79 | White/Black/Violet |
| 11 | Antique Gold | 80 | White/Black/Gray |
| 12 | Ivory | 81 | Black/Red/White |
| 13 | Pink | 82 | Orange/Green/Black |
| 14 | Light Green | 86 | Natural |
| 15 | Clear Gold | 88 | Tan |
| 16 | Light Blue | 90 | Clear |
| 17 | Beige | 91 | Clear Brown |
| 18 | Light Brown | 92 | Clear Blue |
| 19 | Purple | 93 | Clear Red |
| 20 | Clear Silver | 96 | Twisted Cond. No Jkt |
| 21 | Light Purple | 97 | 1 Stripe |
| 22 | Neon Green | 98 | 2 Stripes |
| 23 | Mint Green | 99 | Assorted Colors |
| 24 | Raspberry | | |
| 25 | Gold | | |
| 31 | White/Black | | |
| 33 | White/Red | | |
| 34 | White/Orange | | |
| 35 | White/Yellow | | |
| 36 | White/Green | | |
| 37 | White/Blue | | |
| 38 | White/Brown | | |
| 39 | White/Violet | | |
| 40 | White/Gray | | |
| 41 | Red/Green | | |
| 42 | Green/White | | |
| 43 | Blue/Red | | |
| 44 | Blue/White | | |
| 45 | Orange/Red | | |
| 46 | Orange/Black | | |
| 47 | Yellow/White | | |
| 48 | Yellow/Black | | |
| 49 | Blue/White | | |
| 50 | Blue/Black | | |
| 56 | Black w/White Trace | | |
| 62 | Silver Gray (Lt Gray) | | |
| 66 | Light Green | | |
| 67 | Lime Green | | |
| 68 | Birch | | |