

Super Vu-Tron® Single Conductor Type W Extra Flex

90°C, 2000 Volt, UL Listed



Product Construction:

Conductor:

- 8 AWG through 250 kcmil fully annealed stranded bare copper per ASTM B172

Insulation:

- Premium-grade 90°C EPDM

Jacket:

- Super Vu-Tron® 90°C, black (standard)

Other Available Colors:

- Gray, red, orange, yellow, green, blue
- See color code chart

- Temperature range: -40°C to +90°C
- An open polyester braid reinforcement is applied between the insulation and jacket for mechanical strength

Jacket Marking:

- CAROL SUPER VU-TRON® TYPE W PORTABLE POWER CABLE (SIZE) 2000 V 90°C DRY AND WATER RESISTANT 75°C SUN RES (UL) P-7K-123049-MSHA---CSA TYPE W (-40°C) FT5 (TRU-MARK SEQUENTIAL FOOTAGE)
- Custom print available by special order with minimum quantity purchase

Applications:

- Portable power systems
- Entertainment industry activities such as theater, television, nightclubs, motion pictures, mobile communication vans, spotlights and sound systems
- Other similar applications that would require temporary power

Features:

- Water-resistant
- Sunlight-resistant
- Designed to withstand severe environmental conditions
- Flexible and easier to work with in cold temperatures
- Withstands exposure to oil, acids, alkalis, heat, flame, moisture and chemicals
- No “memory” effect when coiling and uncoiling for use
- Meets or exceeds flame test requirements of MSHA and UL
- TRU-Mark® sequential footage marking

Industry Approvals:

- UL Listed
- MSHA Approved
- RoHS Compliant
- CSA Certified

Packaging:

- Lengths cut to order (99 put-up code)
- 1000' reel (41 put-up code)



TYPE W - 2000 VOLT - UL

| CATALOG NUMBER | AWG OR kcmil | NOMINAL STRAND | NOMINAL COND. O.D. | | NOMINAL INS. THICKNESS | | NOMINAL O.D. | | APPROX. NET WT. LBS/M ⁽¹⁶⁾ | CURRENT AMPS ⁽¹⁷⁾ |
|----------------|--------------|----------------|--------------------|-------|------------------------|------|--------------|-------|---------------------------------------|------------------------------|
| | | | INCHES | mm | INCHES | mm | INCHES | mm | | |
| 80611* | 8 | 168/30 | 0.165 | 4.19 | 0.060 | 1.52 | 0.465 | 11.81 | 133 | 80 |
| 80621* | 6 | 259/30 | 0.198 | 5.03 | 0.060 | 1.52 | 0.545 | 13.84 | 205 | 105 |
| 80631* | 4 | 416/30 | 0.233 | 5.92 | 0.060 | 1.52 | 0.585 | 14.86 | 264 | 140 |
| 80641 | 2 | 655/30 | 0.293 | 7.44 | 0.060 | 1.52 | 0.650 | 16.51 | 361 | 190 |
| 80651* | 1 | 827/30 | 0.330 | 8.38 | 0.080 | 2.03 | 0.730 | 18.54 | 465 | 220 |
| 80661* | 1/0 | 1042/30 | 0.369 | 9.37 | 0.080 | 2.03 | 0.750 | 19.05 | 521 | 260 |
| 80671* | 2/0 | 1316/30 | 0.412 | 10.46 | 0.080 | 2.03 | 0.825 | 20.96 | 644 | 300 |
| 80681* | 3/0 | 1660/30 | 0.490 | 12.45 | 0.080 | 2.03 | 0.910 | 23.11 | 755 | 350 |
| 80691 | 4/0 | 2062/30 | 0.530 | 13.46 | 0.080 | 2.03 | 0.960 | 24.38 | 933 | 405 |
| 80701* | 250 kcmil | 2496/30 | 0.606 | 15.39 | 0.105 | 2.67 | 1.020 | 25.91 | 1150 | 455 |

⁽¹⁾ Ampacities based on 90°C conductor and 30°C ambient temperature, based on Table 310-17 and Table 400.5(A)(2) in the National Electrical Code for single conductor cables.

* Non-stock item; minimum quantity purchase required.

⁽⁶⁾ Actual shipping weight may vary.



COLOR CODE CHART

| COLOR | COLOR CODE |
|--------|------------|
| Black | 01 |
| Gray | 10 |
| Red | 03 |
| Orange | 04 |
| Yellow | 05 |
| Green | 06 |
| Blue | 17 |

ORDERING INFORMATION

Three easy steps to ordering your Super Vu-Tron Type W Extra Flex Cable:

| Catalog Number | Put-Up Code | Color Code |
|--|--|---|
| Choose Catalog Number from Catalog Table above | Choose Put-Up Code from Packaging Information (99 for cut-to-order – please specify length needed) (41 for 1000 ft reel put-up size) | Choose Color Code from the Color Code Chart |

Examples:

| | |
|-------------|--|
| 80691.41.01 | Type W Extra Flex, 4/0 size, 1,000 ft. reel put-up, black |
| 80691.99.17 | Type W Extra Flex, 4/0 size, long-length reel put-up, blue |

Make It Yours: Custom print legends available for recurring stock and special orders - ask for details

