

# Super Vu-Tron® Entertainment Industry and Stage Lighting Cable

105°C, 600 Volt, UL Type SC and CSA Type PPC

**Product Construction:**

**Conductor:**

- 8 AWG through 4/0 AWG fully annealed stranded bare copper per ASTM B172

**Jacket:**

- Super Vu-Tron® 105°C, black
- Temperature range: -50°C to +105°C

**Jacket Marking:**

- CAROL (SIZE) (UL) 600 VOLT TYPE SC (-50°C to +105°C) OIL RES 60°C MAX. AMPS NEC TABLE 400-5 (B) FOR 90°C OUTDOOR --- CSA TYPE PPC 105°C 600 VOLT FT5 ROHS MADE IN USA

**Applications:**

- Portable power systems
- Entertainment industry activities such as theater, television, night clubs, 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
- Withstands exposure to oil, acids, alkalis, heat, flame, moisture and chemicals
- Meets or exceeds flame test requirements of MSHA, CSA and UL
- Indent-printed

**Industry Approvals:**

- UL Listed
- CSA Certified
- RoHS Compliant

**Packaging:**

- Lengths cut to order



UL TYPE SC - CSA TYPE PPC - 600 VOLT

CATALOG NUMBER	AWG SIZE	NOMINAL STRAND	NOMINAL O.D.		APPROX. NET WT. LBS/M <sup>(5)</sup>	CURRENT AMPS <sup>(1)</sup>
			INCHES	mm		
01109*	8	168/30	0.385	9.78	110	80
01108	6	259/30	0.420	10.67	152	105
01107	4	416/30	0.475	12.07	215	140
01106	2	655/30	0.520	13.21	296	190
01105	1	827/30	0.575	14.61	360	220
01104	1/0	1042/30	0.600	15.24	424	260
01103	2/0	1316/30	0.645	16.38	513	300
01102*	3/0	1660/30	0.715	18.16	644	350
01101	4/0	2062/30	0.765	19.43	824	405

<sup>(1)</sup> NEC Table 400.5(A)(2).

\* Non-stock item; minimum quantity purchase required.

<sup>(5)</sup> Actual shipping weight may vary.

# 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 <sup>(S)</sup>	CURRENT AMPS <sup>(1)</sup>
			INCHES	mm	INCHES	mm	INCHES	mm		
80611*	8	168/30	0.165	4.19	0.060	1.52	0.440	11.18	149	80
80621*	6	259/30	0.198	5.03	0.060	1.52	0.530	13.46	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	0.070	1.78	0.650	16.51	370	190
80651*	1	827/30	0.330	8.38	0.090	2.29	0.730	18.54	479	220
80661*	1/0	1042/30	0.369	9.37	0.090	2.29	0.750	19.05	535	260
80671*	2/0	1316/30	0.412	10.46	0.090	2.29	0.825	20.96	653	300
80681*	3/0	1660/30	0.490	12.45	0.090	2.29	0.855	21.72	755	350
80691	4/0	2062/30	0.530	13.46	0.090	2.29	0.980	24.89	1056	405
80701*	250 kcmil	2496/30	0.606	15.39	0.105	2.67	1.000	25.40	1150	455

<sup>(1)</sup> 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.

<sup>(S)</sup> 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

