

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 ⁽⁵⁾	CURRENT AMPS ⁽¹⁾
			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

⁽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.

⁽⁵⁾ 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