

Super Vu-Tron® Single Conductor

90°C (UL), Type W, 2000 Volt and Types RHH/RHW
600 Volt Portable Power Cable

Product Construction:

Conductor:

- 8 AWG through 500 kcmil fully annealed stranded bare copper

Insulation:

- Premium-grade 90°C EPDM

Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C
- Voltage rating:
600 volts Type RHH/RHW
2000 volts Type W
- An open polyester braid reinforcement is applied between the insulation and jacket for mechanical strength



Jacket Marking:

- 8-1 AWG: CAROL SUPER VU-TRON® TYPE W PORTABLE POWER CABLE (UL) DRY 90°C WET 75°C 2000 V SUNLIGHT RESISTANT P-7K-123049-MSHA (SIZE) TYPE RHH OR RHW (UL) 600 V MADE IN USA
- 1/0-500 kcmil: CAROL SUPER VU-TRON® TYPE W PORTABLE POWER CABLE (UL) DRY 90°C WET 75°C 2000 V SUNLIGHT RESISTANT P-7K-123049-MSHA (SIZE) TYPE RHH OR RHW (UL) 600 V FOR CT USE --- CSA TYPE W (-40°C) 2 KV FT5 MADE IN USA

Applications:

- Portable power systems
- Entertainment industry activities such as theatre, television, night clubs, motion pictures, mobile communication vans, spotlights and sound systems
- Other similar applications that would require permanent or temporary power
- Permanent wiring of 600 volt power supplies, hoists, cranes and other applications where flexible power leads must be installed in conduit or raceways

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 and UL

Industry Approvals:

- UL Type W
- UL Type RHH or RHW
- MSHA Approved
- RoHS Compliant

Packaging:

- Lengths cut to order

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

TYPE W 2000 VOLT (UL) AND TYPE RHH/RHW 600 VOLT (UL)

CATALOG NUMBER	NO. OF COND.	AWG OR kcmil	COND. STRAND	NOMINAL COND. O.D.		NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS		APPROX. NET WT. LBS/ M ^(S)
				INCHES	mm	INCHES	mm	INCHES	mm	(1)	(2)	
83008*	1	8	133	0.160	4.06	0.060	1.52	0.470	11.94	55	80	145
83006	1	6	259	0.198	5.03	0.060	1.52	0.545	13.84	75	105	205
83004	1	4	259	0.245	6.22	0.060	1.52	0.595	15.11	95	140	270
83002	1	2	259	0.294	7.47	0.060	1.52	0.670	17.02	130	190	380
83001	1	1	259	0.346	8.79	0.080	2.03	0.730	18.54	150	220	465
83010	1	1/0†	259	0.384	9.75	0.080	2.03	0.790	20.07	170	260	550
83020	1	2/0†	259	0.441	11.20	0.080	2.03	0.865	21.97	195	300	675
83030	1	3/0†	259	0.482	12.24	0.080	2.03	0.910	23.11	225	350	790
83040	1	4/0†	259	0.555	14.10	0.080	2.03	0.960	24.38	260	405	940
83250	1	250†	627	0.615	15.62	0.105	2.67	1.045	26.54	290	455	1125
83350	1	350†	855	0.725	18.42	0.105	2.67	1.145	29.08	350	570	1465
83500	1	500†	1235	0.880	22.35	0.105	2.67	1.315	33.40	430	700	2010

* Non-stock item; minimum quantity purchase required.

⁽¹⁾ Ampacities based on 90°C conductor and 30°C ambient temperature based on Table 310.15(B)(16) in the National Electrical Code® for RHH/RHW with not more than three current-carrying conductors in raceway, cable or earth.

⁽²⁾ Ampacities based on 90°C conductor and 30°C ambient temperature based on Table 310.15(B)(17) and Table 400.5(A)(2) in the National Electrical Code® for single-conductor cables.

^(S) Actual shipping weight may vary.

† Designated for CT use.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [carol manufacturer](#):

Other Similar products are found below :

[01364.35T.01](#) [C1321.41.01](#) [C2015A.12.04](#) [C4066A.38.10](#) [01104.99.01](#) [01343.35T.01](#) [02728-85-01](#) [5133290E](#) [2133016](#) [16065.41.01](#)
[5131431E](#) [09814.99.01](#) [E2206S.41.86](#) [E1524S.41.03](#) [E2534S.41.03](#) [C2016A.12.03](#) [C2064A.12.02](#) [C0570A.41.10](#) [C1343A.41.10](#)
[C1357.41.90](#) [C2405A.41.10](#) [C1352A.41.10](#) [C2536A.38.10](#) [C1361.38.90](#) [E2204S.41.02](#) [E3612S.41.03](#) [E1032S.25.10](#) [02604.41T.05](#)
[02605.41T.05](#) [02608.41T.05](#) [02632.35T.05](#) [02634.41T.05](#) [02601.41T.05](#) [01360.35T.01](#) [01342.35T.01](#) [C-8002-12](#) [01380.35T.01](#)
[01774.35T.01](#) [5133274E](#) [C2040A.21.03](#) [C2104A.12.06](#) [C1302.41.01](#) [E2032S.41.10](#) [E2242S.41.86](#) [E1502S.25.03](#) [E2004S.18.10](#)
[02601.35T.05](#) [02602.35T.05](#) [02635.35T.05](#) [06200.61.06L](#)