Super Vu-Tron® Single Conductor

90ºC (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 90ºC EPDM

Jacket:
- Super Vu-Tron® 90ºC, 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, alkalies, 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[1(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.

General Cable

Made in U.S.A.

RoHS Compliant Directive 2011/65/EU

MSHA Mine Safety and Health Administration

UL LISTED

CAROL BRAND