

Super Vu-Tron® Single Conductor

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



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

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOM. INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS		APPROX. NET WT. LBS/M ⁽⁸⁾
				INCHES	mm	INCHES	mm	(1)	(2)	
83008	1	8	133	0.070	1.78	0.485	12.32	55	80	160
83006	1	6	259	0.070	1.78	0.565	14.35	75	105	220
83004	1	4	259	0.070	1.78	0.605	15.37	95	140	290
83002	1	2	259	0.070	1.78	0.680	17.27	130	190	395
83001	1	1	259	0.090	2.29	0.765	19.43	150	220	490
83010	1	1/0	259	0.090	2.29	0.810	20.57	170	260	575
83020	1	2/0	259	0.090	2.29	0.885	22.48	195	300	700
83030	1	3/0	259	0.090	2.29	0.930	23.62	225	350	820
83040	1	4/0	259	0.090	2.29	0.980	24.89	260	405	1000
83250	1	250	627	0.105	2.67	1.045	26.54	290	455	1170
83350	1	350	855	0.105	2.67	1.145	29.08	350	570	1520
83500	1	500	1235	0.105	2.67	1.310	33.27	430	700	2090

⁽¹⁾ Ampacities based on 90°C Conductor and 30°C Ambient temperature based on Table 310-16 in the National Electrical Code® for RHH/RHW with not more than 3 current carrying conductors in raceway, cable or earth.

⁽²⁾ Ampacities based on 90°C Conductor and 30°C Ambient temperature based on Table 310-17 and Table 400.5(B) in the National Electrical Code® for single conductor cables.

⁽⁸⁾ Actual shipping weight may vary.

Product Construction:

Conductor:

- 8 through 500 MCM fully annealed stranded bare copper

Insulation:

- Premium grade 90°C EPDM

Cable Reinforcement:

- An open polyester braid reinforcement is applied between the insulation and jacket for mechanical strength.

Jacket:

- Super Vu-Tron® 90°C, Black
- Temperature Range: -40°C to +90°C
- Voltage rating: 600 Volt Type RHH/RHW 2000 Volt Type W

Jacket Marking:

- #8 - #1 AWG — CAROL SUPER VU-TRON TYPE W PORTABLE POWER CABLE (UL) DRY 90C WET 75C 2000V SUNLIGHT RESISTANT P-7K-123049-MSHA (SIZE) TYPE RHH OR RHW (UL) 600V
- #1/0 - 500MCM — CAROL SUPER VU-TRON TYPE W PORTABLE POWER CABLE (UL) DRY 90C WET 75C 2000V SUNLIGHT RESISTANT P-7K-123049-MSHA (SIZE) TYPE RHH OR RHW (UL) 600V FOR CT USE---CSA TYPE W (-40C) FT-5

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, ICEA and UL

Industry Approvals:

- ICEA S-75-381 NEMA WC-58
- UL Type W
- UL Type RHH or RHW
- MSHA Approved

Packaging:

- Lengths cut to order

CAROL BRAND



General Cable