



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Carolprene® Jacketed Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord



**Product Construction:**

**Conductors:**

- 18 through 2 AWG fully annealed stranded bare copper

**Insulation:**

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below

**Jacket:**

- Carolprene®, black
- Temperature range: -40°C to +90°C

**Jacket Marking:**

- CAROL (SIZE) (mm<sup>2</sup>) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS MADE IN USA (TRU-MARK SEQUENTIAL FOOTAGE)

**Applications:**

- Portable tools and equipment
- Portable appliances
- Small motors and associated machinery

**Features:**

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Excellent abrasion resistance
- Water-resistant\*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant
- TRU-Mark® sequential footage marking

**Industry Approvals:**

- UL Flexible Cord - UL 62
- CSA Flexible Cord - C22.2-49
- MSHA Approved
- RoHS Compliant

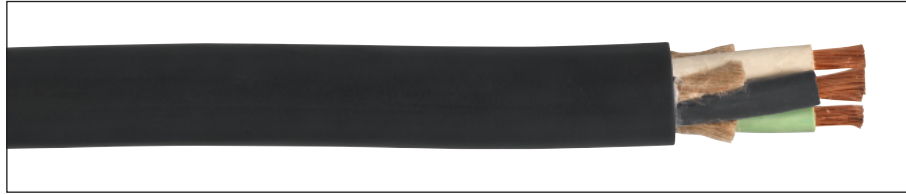
**Packaging:**

- 250' (76.2 m), 500' (152.4 m), 1000' (304.8 m)
- Other put-ups available on special order

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

**COLOR CODE CHART**

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Green, Orange



**TYPE SOOW – 600 VOLT – UL/CSA**

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WT. LBS/M <sup>(§)</sup>	STD. CTN.
				INCHES	mm	INCHES	mm			
02763	2	18	16/30	0.030	0.76	0.345	8.76	10	65	250 <sup>†</sup>
02769	3	18	16/30	0.030	0.76	0.365	9.27	10	80	250 <sup>†</sup>
02770	4	18	16/30	0.030	0.76	0.390	9.91	7	94	250 <sup>†</sup>
02722	2	16	26/30	0.030	0.76	0.370	9.40	13	77	250 <sup>†</sup>
02765	3	16	26/30	0.030	0.76	0.390	9.91	13	94	250 <sup>†</sup>
02766	4	16	26/30	0.030	0.76	0.420	10.67	10	114	250 <sup>†</sup>
02723	2	14	41/30	0.045	1.14	0.510	12.95	18	154	250 <sup>†</sup>
02762	3	14	41/30	0.045	1.14	0.535	13.59	18	171	250 <sup>†</sup>
02768	4	14	41/30	0.045	1.14	0.575	14.61	15	209	250 <sup>†</sup>
02724	2	12	65/30	0.045	1.14	0.570	14.48	25	168	250 <sup>†</sup>
02725	3	12	65/30	0.045	1.14	0.595	15.11	25	223	250 <sup>†</sup>
02726	4	12	65/30	0.045	1.14	0.650	16.51	20	276	250 <sup>†</sup>
02767	2	10	104/30	0.045	1.14	0.620	15.75	30	230	250 <sup>†</sup>
02728	3	10	104/30	0.045	1.14	0.660	16.76	30	289	250 <sup>†</sup>
02727	4	10	104/30	0.045	1.14	0.715	18.16	25	351	250 <sup>†</sup>
16063	3	8	133/29	0.060	1.52	0.840	21.33	40	450	250 <sup>†</sup>
16064	4	8	133/29	0.060	1.52	0.945	24.00	35	580	250 <sup>†</sup>
16065	5	8	133/29	0.060	1.52	1.030	26.16	28	700	250 <sup>†</sup>
16073	3	6	133/27	0.060	1.52	0.980	24.89	55	637	250 <sup>†</sup>
16074	4	6	133/27	0.060	1.52	1.080	27.43	45	830	250 <sup>†</sup>
16075	5	6	133/27	0.060	1.52	1.200	30.48	36	1015	250 <sup>†</sup>
16083	3	4	133/25	0.060	1.52	1.140	28.96	70	926	250 <sup>†</sup>
16084	4	4	133/25	0.060	1.52	1.260	32.00	60	1145	250 <sup>†</sup>
16085	5	4	133/25	0.060	1.52	1.365	34.67	48	1419	250 <sup>†</sup>
16093	3	2	133/23	0.060	1.52	1.330	33.78	95	1367	250 <sup>†</sup>
16094	4	2	133/23	0.060	1.52	1.460	37.08	80	1699	250 <sup>†</sup>
16095*	5	2	133/23	0.060	1.52	1.580	40.13	64	2066	250 <sup>†</sup>

Cord furnished with UL and CSA labels.

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

† Green conductor for grounding only. Ampacities based on NEC Table 400.5(A)(1).

§ Actual shipping weight may vary.

