

Super Vu-Tron® Multi-Conductor Type SOOW

90°C, 600 Volt, UL/CSA Portable Cord

Product Construction:

Conductors:

- 14 through 10 AWG fully annealed stranded bare copper

Insulation:

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

Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- Print type: Inkjet
- PRYSMIAN CAROL® SUPER VU-TRON® (SIZE) (mm²) 90°C (UL) WATER RESISTANT SOOW CSA (-40°C) FT2 P-7K-123033 MSHA 600 VOLT ROHS ORIGIN USA

Applications:

- Control circuits
- Tools
- Heavy industrial, processing and construction equipment

Features:

- Extra-flexible stranding
- Abrasion-resistant
- Resists oils and solvents
- Flame-resistant
- Ozone-resistant
- 90°C rated conductors and jacket
- Water-resistant*
- UL Listed and CSA Certified for indoor and outdoor use
- Ozone-, sunlight (UV)- and weather-resistant

Industry Approvals:

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

Packaging:

- 5- through 8-conductor available on 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m) reels
- 9+ cond. available on long-length reels
- Other put-ups available on special order

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

COLOR CODE CHART

NO. OF COND.	COLOR	TRACER	NO. OF COND.	COLOR	TRACER
1	Black	—	12	Black	White
2	White	—	13	Red	White
3	Red	—	14	Green	White
4	Green	—	15	Blue	White
5	Orange	—	16	Black	Red
6	Blue	—	17	White	Red
7	White	Black	18	Orange	Red
8	Red	Black	19	Blue	Red
9	Green	Black	20	Red	Green
10	Orange	Black	21	Orange	Green
11	Blue	Black			

Note: Colors repeat after 21 conductors. Refer to page 20 for color diagram.



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 ^(S)
				INCHES	mm	INCHES	mm		
09405	5	14	41/30	0.045	1.14	0.655	16.64	12.0	266
09406	6	14	41/30	0.045	1.14	0.705	17.91	12.0	313
09407	7	14	41/30	0.045	1.14	0.770	19.56	12.0	326
09408	8	14	41/30	0.045	1.14	0.805	20.45	10.5	366
09409*	9	14	41/30	0.045	1.14	0.830	21.10	10.5	419
09410	10	14	41/30	0.045	1.14	0.840	21.34	10.5	436
09412	12	14	41/30	0.045	1.14	0.875	22.23	7.5	516
09414	14	14	41/30	0.045	1.14	1.055	26.80	7.5	597
09416	16	14	41/30	0.045	1.14	1.055	26.80	7.5	658
09418*	18	14	41/30	0.045	1.14	1.100	27.94	7.5	720
09420	20	14	41/30	0.045	1.14	1.125	28.58	7.5	799
09424	24	14	41/30	0.045	1.14	1.260	32.00	6.7	998
09428*	28	14	41/30	0.045	1.14	1.350	34.29	6.7	1080
09430*	30	14	41/30	0.045	1.14	1.355	34.42	6.0	1146
09205	5	12	65/30	0.045	1.14	0.715	18.16	16.0	326
09206	6	12	65/30	0.045	1.14	0.770	19.56	16.0	362
09207	7	12	65/30	0.045	1.14	0.810	20.57	16.0	415
09208	8	12	65/30	0.045	1.14	0.845	21.46	14.0	464
09209	9	12	65/30	0.045	1.14	0.920	23.37	14.0	510
09210	10	12	65/30	0.045	1.14	0.970	24.64	14.0	602
09212	12	12	65/30	0.045	1.14	1.035	26.29	10.0	662
09214	14	12	65/30	0.045	1.14	1.045	26.54	10.0	724
09216	16	12	65/30	0.045	1.14	1.160	29.46	10.0	869
09218*	18	12	65/30	0.045	1.14	1.175	29.85	10.0	912
09220	20	12	65/30	0.045	1.14	1.195	30.35	10.0	977
09224	24	12	65/30	0.045	1.14	1.390	35.31	9.0	1236
09226	26	12	65/30	0.045	1.14	1.410	35.81	9.0	1309
09227*	27	12	65/30	0.045	1.14	1.420	36.07	9.0	1335
09228*	28	12	65/30	0.045	1.14	1.455	36.95	9.0	1375
09230	30	12	65/30	0.045	1.14	1.485	37.72	9.0	1512
09005	5	10	104/30	0.045	1.14	0.775	19.69	20.0	423
09006	6	10	104/30	0.045	1.14	0.840	21.34	20.0	508
09007	7	10	104/30	0.045	1.14	0.920	23.37	20.0	549
09008*	8	10	104/30	0.045	1.14	0.950	24.13	17.5	625
09010	10	10	104/30	0.045	1.14	1.045	26.54	17.5	755
09012	12	10	104/30	0.045	1.14	1.120	28.45	12.5	867
09016*	16	10	104/30	0.045	1.14	1.255	31.88	12.5	1142
09020*	20	10	104/30	0.045	1.14	1.395	35.43	12.5	1445

† Values shown are for current-carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors, is NOT counted in determining current carrying capacity. Ampacities based on NEC Table 400.5(A)(1).

* Non-stock item; minimum quantity purchase required.

^(S)Actual shipping weight may vary.