

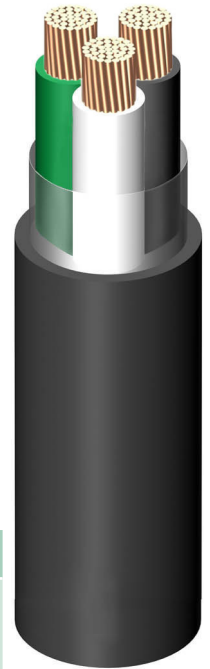
Portable cord and control cable

SPECIFICATIONS & STANDARDS

UL 62 and CAN/CSA-C 22.2 No 49

CONSTRUCTION:

Conductors:	Flexible stranded bare copper, optional tin-coated copper, in accordance with ASTM B-174 and UL 62
Insulation:	EP compound class 2.5A 90°C of UL 62
Assembly:	Insulated conductors cabled together with rubber or paper fillers as needed
Separator:	Paper tape for 18-10 AWG / Polyester tape for 8-2 AWG
Jacket:	CPE or CP compound class 1.10 90°C of UL 62
Color of jacket:	Black; Other colors available



FEATURES	APPLICATION
<ul style="list-style-type: none"> - Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water - Flame test meets VW-1, FT2, and MSHA - Temperature range: -40°C to +90°C - Suitable for shallow water immersion 	<ul style="list-style-type: none"> - Industrial and processing equipment, cranes and hoists, track systems, tools, construction equipment, motors and associated machinery, garage portable lights, battery charger and equipment exposed to oils, solvents, flame, moisture and other electrical equipment

COLOR CODE:

- 2/C black, white
- 3/C black, white, green
- 4/C black, white, red, green
- 5/C black, white, red, green, orange

MULTICORE CABLES:

Number of core:	Color	Tracer
1	black	-
2	white	-
3	red	-
4	green	-
5	orange	-
6	blue	-
7	white	black

Number of core:	Color	Tracer
8	red	black
9	green	black
10	orange	black
11	blue	black
12	black	white
13	red	white
14	green	white

Number of core:	Color	Tracer
15	blue	white
16	black	red
17	white	red
18	orange	red
19	blue	red
20	red	green
21	orange	green

Standard length cable packing: 1000 ft reels; Other forms of packaging available

APPROVALS:

MSHA:	P-7K-254013 (CPE)
UL:	E123366 (CPE)
CSA:	1534535 (LL 103932) (CPE)



TYPE SOOW 600V UL/CSA/MSHA



UL LISTED

CSA CERTIFIED

MSHA APPROVED

Part Number	Power Conductor Size	No. of Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight lbs/1000 ft	Ampacity (1) 30°C Ambient Temp.
	AWG		No. of Stranding	inches	mm	inches	mm	inches	mm		A
SOOW18-2	18	2	16 / 30	0.030	0.76	0.060	1.52	0.35	8.8	65	10.0
SOOW18-3		3	16 / 30	0.030	0.76	0.060	1.52	0.37	9.3	77	10.0
SOOW18-4		4	16 / 30	0.030	0.76	0.060	1.52	0.39	10.0	90	7.0
SOOW18-5		5	16 / 30	0.030	0.76	0.080	2.03	0.47	11.9	127	5.6
SOOW18-6		6	16 / 30	0.030	0.76	0.080	2.03	0.49	12.4	133	5.6
SOOW18-7		7	16 / 30	0.030	0.76	0.080	2.03	0.49	12.4	136	5.6
SOOW18-8		8	16 / 30	0.030	0.76	0.080	2.03	0.52	13.1	154	4.9
SOOW18-10		10	16 / 30	0.030	0.76	0.080	2.03	0.59	15.0	184	4.9
SOOW18-12		12	16 / 30	0.030	0.76	0.080	2.03	0.61	15.4	207	3.5
SOOW18-14		14	16 / 30	0.030	0.76	0.095	2.41	0.66	16.9	251	3.5
SOOW18-16		16	16 / 30	0.030	0.76	0.095	2.41	0.69	17.6	280	3.5
SOOW18-18		18	16 / 30	0.030	0.76	0.095	2.41	0.73	18.5	310	3.5
SOOW18-20		20	16 / 30	0.030	0.76	0.095	2.41	0.76	19.3	340	3.5
SOOW18-22		22	16 / 30	0.030	0.76	0.095	2.41	0.83	21.2	364	3.2
SOOW18-24		24	16 / 30	0.030	0.76	0.095	2.41	0.83	21.2	384	3.2
SOOW18-27		27	16 / 30	0.030	0.76	0.095	2.41	0.85	21.6	418	3.2
SOOW18-30		30	16 / 30	0.030	0.76	0.110	2.79	0.91	23.0	480	3.2
SOOW18-36		36	16 / 30	0.030	0.76	0.110	2.79	0.97	24.7	561	2.8
SOOW18-39	39	16 / 30	0.030	0.76	0.110	2.79	1.04	26.3	616	2.8	
SOOW18-44	44	16 / 30	0.030	0.76	0.110	2.79	1.08	27.4	659	2.5	
SOOW18-52	52	16 / 30	0.030	0.76	0.110	2.79	1.12	28.5	750	2.5	
SOOW18-60	60	16 / 30	0.030	0.76	0.125	3.18	1.22	30.9	887	2.5	
SOOW16-2	16	2	26 / 30	0.030	0.76	0.060	1.52	0.37	9.4	76	13.0
SOOW16-3		3	26 / 30	0.030	0.76	0.060	1.52	0.39	9.9	90	13.0
SOOW16-4		4	26 / 30	0.030	0.76	0.060	1.52	0.42	10.6	107	10.0
SOOW16-5		5	26 / 30	0.030	0.76	0.080	2.03	0.49	12.4	149	8.0
SOOW16-6		6	26 / 30	0.030	0.76	0.080	2.03	0.53	13.4	165	8.0
SOOW16-7		7	26 / 30	0.030	0.76	0.080	2.03	0.53	13.4	170	8.0
SOOW16-8		8	26 / 30	0.030	0.76	0.080	2.03	0.56	14.2	193	7.0
SOOW16-9		9	26 / 30	0.030	0.76	0.095	2.41	0.68	17.2	238	7.0
SOOW16-10		10	26 / 30	0.030	0.76	0.095	2.41	0.68	17.2	251	7.0
SOOW16-12		12	26 / 30	0.030	0.76	0.095	2.41	0.70	17.7	282	5.0
SOOW16-14		14	26 / 30	0.030	0.76	0.095	2.41	0.73	18.5	316	5.0
SOOW16-16		16	26 / 30	0.030	0.76	0.095	2.41	0.76	19.3	354	5.0
SOOW16-18		18	26 / 30	0.030	0.76	0.095	2.41	0.80	20.3	393	5.0
SOOW16-20		20	26 / 30	0.030	0.76	0.095	2.41	0.84	21.3	434	5.0
SOOW16-22		22	26 / 30	0.030	0.76	0.095	2.41	0.92	23.3	464	4.5
SOOW16-24		24	26 / 30	0.030	0.76	0.110	2.79	0.95	24.1	520	4.5
SOOW16-27		27	26 / 30	0.030	0.76	0.110	2.79	0.97	24.6	566	4.5
SOOW16-30		30	26 / 30	0.030	0.76	0.110	2.79	1.00	25.3	615	4.5
SOOW16-36	36	26 / 30	0.030	0.76	0.110	2.79	1.07	27.1	724	4.0	
SOOW16-37	37	26 / 30	0.030	0.76	0.110	2.79	1.07	27.3	730	4.0	
SOOW16-39	39	26 / 30	0.030	0.76	0.110	2.79	1.15	29.1	795	4.0	
SOOW16-40	40	26 / 30	0.030	0.76	0.110	3.18	1.18	29.9	843	4.0	
SOOW16-44	44	26 / 30	0.030	0.76	0.125	3.18	1.23	31.2	891	3.5	
SOOW16-52	52	26 / 30	0.030	0.76	0.125	3.18	1.28	32.4	1016	3.5	
SOOW16-60	60	26 / 30	0.030	0.76	0.125	3.18	1.35	34.2	1154	3.5	

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature



TYPE SOOW 600V UL/CSA/MSHA



UL LISTED

CSA CERTIFIED

MSHA APPROVED

Part Number	Power Conductor Size	No. of Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight lbs/1000 ft	Ampacity (1) 30°C Ambient Temp. A
	AWG		No. of Stranding	inches	mm	inches	mm	inches	mm		
SOOW14-2	14	2	41 / 30	0.045	1.14	0.080	2.03	0.50	12.6	137	18.0
SOOW14-3		3	41 / 30	0.045	1.14	0.080	2.03	0.52	13.3	161	18.0
SOOW14-4		4	41 / 30	0.045	1.14	0.080	2.03	0.57	14.4	192	15.0
SOOW14-5		5	41 / 30	0.045	1.14	0.095	2.41	0.64	16.3	251	12.0
SOOW14-6		6	41 / 30	0.045	1.14	0.095	2.41	0.69	17.6	277	12.0
SOOW14-7		7	41 / 30	0.045	1.14	0.095	2.41	0.69	17.6	285	12.0
SOOW14-8		8	41 / 30	0.045	1.14	0.095	2.41	0.74	18.9	324	10.5
SOOW14-9		9	41 / 30	0.045	1.14	0.095	2.41	0.86	21.9	367	10.5
SOOW14-10		10	41 / 30	0.045	1.14	0.095	2.41	0.86	21.9	388	10.5
SOOW14-12		12	41 / 30	0.045	1.14	0.095	2.41	0.89	22.5	441	7.5
SOOW14-14		14	41 / 30	0.045	1.14	0.095	2.41	0.93	23.6	498	7.5
SOOW14-16		16	41 / 30	0.045	1.14	0.095	2.41	0.98	24.8	563	7.5
SOOW14-18		18	41 / 30	0.045	1.14	0.010	2.79	1.06	26.9	660	7.5
SOOW14-20		20	41 / 30	0.045	1.14	0.010	2.79	1.11	28.1	730	7.5
SOOW14-24		24	41 / 30	0.045	1.14	0.010	2.79	1.22	31.1	828	6.8
SOOW14-30		30	41 / 30	0.045	1.14	0.125	3.18	1.32	33.6	1027	6.8
SOOW14-36		36	41 / 30	0.045	1.14	0.125	3.18	1.42	36.2	1215	6.0
SOOW14-37		37	41 / 30	0.045	1.14	0.125	3.18	1.42	36.2	1224	6.0
SOOW14-44		44	41 / 30	0.045	1.14	0.125	3.18	1.59	40.4	1437	5.3
SOOW14-52		52	41 / 30	0.045	1.14	0.125	3.18	1.66	42.2	1648	5.3
SOOW14-60	60	41 / 30	0.045	1.14	0.148	3.58	1.79	45.5	1939	5.3	
SOOW12-2	12	2	65 / 30	0.045	1.14	0.095	2.41	0.57	14.4	184	25.0
SOOW12-3		3	65 / 30	0.045	1.14	0.095	2.41	0.59	15.0	217	25.0
SOOW12-4		4	65 / 30	0.045	1.14	0.095	2.41	0.64	16.3	261	20.0
SOOW12-5		5	65 / 30	0.045	1.14	0.095	2.41	0.70	17.8	319	16.0
SOOW12-6		6	65 / 30	0.045	1.14	0.095	2.41	0.74	18.8	344	16.0
SOOW12-7		7	65 / 30	0.045	1.14	0.095	2.41	0.74	18.8	358	16.0
SOOW12-8		8	65 / 30	0.045	1.14	0.095	2.41	0.80	20.2	408	14.0
SOOW12-9		9	65 / 30	0.045	1.14	0.095	2.41	0.92	23.5	461	14.0
SOOW12-10		10	65 / 30	0.045	1.14	0.110	2.79	0.95	24.2	519	14.0
SOOW12-12		12	65 / 30	0.045	1.14	0.110	2.79	0.98	24.9	591	10.0
SOOW12-14		14	65 / 30	0.045	1.14	0.110	2.79	1.03	26.1	668	10.0
SOOW12-16		16	65 / 30	0.045	1.14	0.110	2.79	1.08	27.5	755	10.0
SOOW12-18		18	65 / 30	0.045	1.14	0.125	3.18	1.17	29.6	878	10.0
SOOW12-20		20	65 / 30	0.045	1.14	0.125	3.18	1.22	31.0	971	10.0
SOOW12-24		24	65 / 30	0.045	1.14	0.125	3.18	1.35	34.3	1106	9.0
SOOW12-26		26	65 / 30	0.045	1.14	0.125	3.18	1.38	35.0	1180	9.0
SOOW12-30		30	65 / 30	0.045	1.14	0.125	3.18	1.43	36.3	1327	9.0
SOOW12-36		36	65 / 30	0.045	1.14	0.125	3.18	1.53	39.0	1573	8.0
SOOW12-37		37	65 / 30	0.045	1.14	0.125	3.18	1.53	39.0	1588	8.0
SOOW12-44		44	65 / 30	0.045	1.14	0.125	3.18	1.72	43.6	1868	7.0
SOOW12-60	60	65 / 30	0.045	1.14	0.125	3.18	1.90	48.3	2467	7.0	

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature



TELE-FONIKA CABLE AMERICAS

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TYPE SOOW 600V UL/CSA/MSHA



UL LISTED

CSA CERTIFIED

MSHA APPROVED

Part Number	Power Conductor Size	No. of Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight lbs/1000 ft	Ampacity (1) 30°C Ambient Temp.
	AWG		No. of Stranding	inches	mm	inches	mm	inches	mm		A
SOOW10-2	10	2	103 / 30	0.045	1.14	0.095	2.41	0.62	15.6	236	30.0
SOOW10-3		3	103 / 30	0.045	1.14	0.095	2.41	0.65	16.5	288	30.0
SOOW10-4		4	103 / 30	0.045	1.14	0.095	2.41	0.70	17.8	343	25.0
SOOW10-5		5	103 / 30	0.045	1.14	0.095	2.41	0.76	19.3	417	20.0
SOOW10-6		6	103 / 30	0.045	1.14	0.095	2.41	0.82	20.7	457	20.0
SOOW10-7		7	103 / 30	0.045	1.14	0.095	2.41	0.82	20.7	478	20.0
SOOW10-8		8	103 / 30	0.045	1.14	0.095	2.41	0.88	22.3	546	17.5
SOOW10-10		10	103 / 30	0.045	1.14	0.110	2.79	1.05	26.8	696	17.5
SOOW10-12		12	103 / 30	0.045	1.14	0.110	2.79	1.09	27.6	800	12.5
SOOW10-16		16	103 / 30	0.045	1.14	0.125	3.18	1.23	31.2	1068	12.5
SOOW10-20		20	103 / 30	0.045	1.14	0.125	3.18	1.35	34.4	1324	12.5
SOOW10-24		24	103 / 30	0.045	1.14	0.125	3.18	1.50	38.2	1515	11.3
SOOW10-26		26	103 / 30	0.045	1.14	0.125	3.18	1.54	39.0	1620	11.3
SOOW10-30		30	103 / 30	0.045	1.14	0.125	3.18	1.59	40.4	1828	11.3
SOOW10-34		34	103 / 30	0.045	1.14	0.141	3.58	1.74	44.3	2134	10.0
SOOW10-36		36	103 / 30	0.045	1.14	0.141	3.58	1.74	44.3	2232	10.0
SOOW10-40		40	103 / 30	0.045	1.14	0.141	3.58	1.87	47.4	2499	10.0
SOOW10-50	50	103 / 30	0.045	1.14	0.141	3.58	1.95	49.5	3047	10.0	

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

STANDARD PRINT LEGEND:

TFCA (SIZE) (UL) TYPE SOOW E123366 90C SUN & WATER RES 600V CSA TYPE SOOW 90C
LL 103932 FT-2 -40C P-7K-254013 MSHA

