

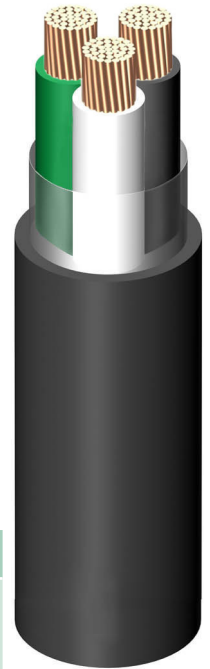
## Portable cord and control cable

### SPECIFICATIONS & STANDARDS

UL 62 and CAN/CSA-C 22.2 No 49

#### CONSTRUCTION:

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



FEATURES	APPLICATION
<ul style="list-style-type: none"> <li>- Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water</li> <li>- Flame test meets VW-1, FT2, and MSHA</li> <li>- Temperature range: -40°C to +90°C</li> <li>- Suitable for shallow water immersion</li> </ul>	<ul style="list-style-type: none"> <li>- 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</li> </ul>

#### 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:

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



# TYPE SOOW 600V UL/CSA/MSHA



## 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. and Diameter of Stranding	inches	mm	inches	mm	inches	mm		A
SOOW8-2 UL/CSA	8	2	67 / 0.0156	0.060	1.52	0.110	2.79	0.78	19.8	367	40.0
SOOW8-3 UL/CSA		3	67 / 0.0156	0.060	1.52	0.110	2.79	0.83	21.1	452	40.0
SOOW8-4 UL/CSA		4	67 / 0.0156	0.060	1.52	0.125	3.18	0.93	23.5	577	35.0
SOOW8-5 UL/CSA		5	67 / 0.0156	0.060	1.52	0.125	3.18	1.00	25.4	683	28.0
SOOW6-2 UL/CSA	6	2	184 / 0.0117	0.060	1.52	0.125	3.18	0.92	23.4	525	55.0
SOOW6-3 UL/CSA		3	184 / 0.0117	0.060	1.52	0.125	3.18	0.97	24.6	641	55.0
SOOW6-4 UL/CSA		4	184 / 0.0117	0.060	1.52	0.140	3.56	1.05	26.7	785	45.0
SOOW6-5 UL/CSA		5	184 / 0.0117	0.060	1.52	0.140	3.56	1.18	30.0	983	36.0
SOOW4-2 UL/CSA	4	2	165 / 0.0156	0.060	1.52	0.140	3.56	1.06	26.9	728	70.0
SOOW4-3 UL/CSA		3	165 / 0.0156	0.060	1.52	0.140	3.56	1.13	28.7	913	70.0
SOOW4-4 UL/CSA		4	165 / 0.0156	0.060	1.52	0.155	3.94	1.25	31.8	1156	60.0
SOOW4-5 UL/CSA		5	165 / 0.0156	0.060	1.52	0.155	3.94	1.31	33.2	1318	48.0
SOOW2-2 UL/CSA	2	2	262 / 0.0156	0.060	1.52	0.155	3.94	1.21	30.7	1000	95.0
SOOW2-3 UL/CSA		3	262 / 0.0156	0.060	1.52	0.155	3.94	1.30	33.1	1287	95.0
SOOW2-4 UL/CSA		4	262 / 0.0156	0.060	1.52	0.170	4.32	1.45	36.8	1644	80.0
SOOW2-5 UL/CSA		5	262 / 0.0156	0.060	1.52	0.170	4.32	1.53	38.8	1900	64.0

(1) Ampacity – Based on continuous 90°C conductor temperature

