

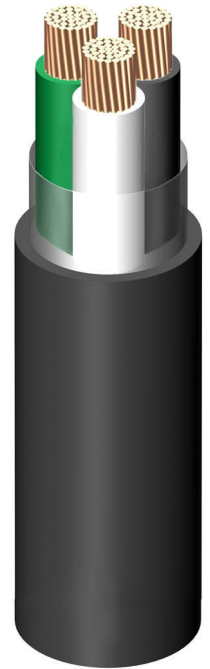
## Portable cord and control cable

### SPECIFICATIONS & STANDARDS

According to UL 62

#### 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>	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 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 charge 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	Number of core:	Color	Tracer	Number of core:	Color	Tracer
1	black	-	8	red	black	15	blue	white
2	white	-	9	green	black	16	black	red
3	red	-	10	orange	black	17	white	red
4	green	-	11	blue	black	18	orange	red
5	orange	-	12	black	white	19	blue	red
6	blue	-	13	red	white	20	red	green
7	white	black	14	green	white	21	orange	green

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

#### APPROVALS:

MSHA: P-7K-254013 (CPE)



# TYPE SOOW 600V 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	8	2	67 / 0.0156	0.05	1.27	0.06	1.52	0.64	16.1	258	40
SOOW8-3		3	67 / 0.0156	0.05	1.27	0.06	1.52	0.68	17.1	326	40
SOOW8-4		4	67 / 0.0156	0.05	1.27	0.06	1.52	0.74	18.8	410	35
SOOW8-5		5	67 / 0.0156	0.05	1.27	0.06	1.52	0.81	20.7	499	28
SOOW6-2	6	2	184 / 0.0117	0.05	1.27	0.06	1.52	0.72	18.4	353	55
SOOW6-3		3	184 / 0.0117	0.05	1.27	0.06	1.52	0.77	19.5	450	55
SOOW6-4		4	184 / 0.0117	0.05	1.27	0.06	2.03	0.89	22.5	607	45
SOOW6-5		5	184 / 0.0117	0.05	1.27	0.06	2.03	0.97	24.7	736	36
SOOW4-2	4	2	165 / 0.0156	0.05	1.27	0.08	2.03	0.88	22.4	540	70
SOOW4-3		3	165 / 0.0156	0.05	1.27	0.08	2.03	0.94	23.8	689	70
SOOW4-4		4	165 / 0.0156	0.05	1.27	0.08	2.03	1.03	26.1	876	60
SOOW4-5		5	165 / 0.0156	0.05	1.27	0.08	2.03	1.13	28.8	1068	48
SOOW2-2	2	2	262 / 0.0156	0.05	1.27	0.08	2.03	1.01	25.6	755	95
SOOW2-3		3	262 / 0.0156	0.05	1.27	0.08	2.03	1.07	27.3	980	95
SOOW2-4		4	262 / 0.0156	0.05	1.27	0.08	2.03	1.18	30.0	1251	80
SOOW2-5		5	262 / 0.0156	0.05	1.27	0.08	2.03	1.30	33.1	1534	64

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

### STANDARD PRINT LEGEND:

TFCA (SIZE) TYPE SOOW 600V SUNLIGHT & WATER RESISTANT 90C P-7K-254013-MSHA

