

Portable Cord

SOOW



Overview

Stranded, annealed bare copper conductors; color coded, oil resistant Ethylene Propylene (EPDM) insulation; paper tape applied between the conductor and insulation; Water, sunlight and oil resistant, flame-retardant Chlorinated Polyethylene (CPE) jacket.

Approvals

- UL:
 - Standard 62
- CSA:
 - Standard C22.2 No.49
 - FT2 flame test
- NEC:
 - Article 501.140 class I div. 2
 - Article 400
- MSHA:
 - Approved

Technical Data

- Minimum bend radius for installation: 10 x cable diameter
- Temperature rating: -40°C to +90°C
- Nominal voltage: 600V RMS max
- Conductor stranding: Class K per ASTM B 174
- Color code:
- 2C - black, white
 - 3C - black, white, green
 - 4C - black, white, red, green
 - 5C - black, white, red, green, orange



18 AWG (16/30) 1.02mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-1802-01	2	0.345	8.8	75	Black
• SO-1803-01	3	0.365	9.3	87	Black
• SO-1804-01	4	0.390	9.9	102	Black
SO-1805-01	5	0.465	11.8	116	Black

16 AWG (26/30) 1.31mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-1602-01	2	0.370	9.4	78	Black
• SO-1603-01	3	0.390	9.9	105	Black
• SO-1604-01	4	0.425	10.8	120	Black
SO-1605-01	5	0.495	12.6	143	Black

14 AWG (41/30) 2.08mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-1402-01	2	0.500	12.7	151	Black
• SO-1403-01	3	0.530	13.5	176	Black
• SO-1404-01	4	0.570	14.5	210	Black
SO-1405-01	5	0.668	17.0	272	Black

12 AWG (65/30) 3.31mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-1202-01	2	0.575	14.6	201	Black
• SO-1203-01	3	0.600	15.2	235	Black
• SO-1204-01	4	0.650	16.5	291	Black
SO-1205-01	5	0.713	18.1	338	Black

10 AWG (104/30) 5.26mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-1002-01	2	0.625	15.9	245	Black
• SO-1003-01	3	0.660	16.8	307	Black
• SO-1004-01	4	0.710	18.0	360	Black
• SO-1005-01	5	0.770	19.6	440	Black

8 AWG (133/29) 8.37mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
• SO-0803-01CSA	3	0.720	21.7	491	Black
• SO-0804-01CSA	4	0.780	24.6	640	Black
SO-0805-01CSA	5	0.860	27.3	690	Black

6 AWG (133/27) 13.30mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-0603-01CSA	3	0.800	24.9	695	Black
• SO-0604-01CSA	4	0.890	27.7	850	Black
SO-0605-01CSA	5	0.945	31.1	930	Black

4 AWG (133/25) 21.20mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-0403-01CSA	3	0.940	29.0	950	Black
• SO-0404-01CSA	4	1.010	32.0	1,100	Black
SO-0405-01CSA	5	1.135	36.0	1,160	Black

2 AWG (133/23) 33.60mm²

Part No.	No. of Conductors	Cable Ø		lbs/1,000ft	Jacket Color
		in	mm		
SO-0203-01CSA	3	1.090	33.7	1,310	Black
• SO-0204-01CSA	4	1.170	37.1	1,590	Black
• SO-0205-01CSA	5	1.433	40.9	1,890	Black

- standard stock item