Flexible Portable Cord - Type SOOW, SJOOW, SEOOW & SJEOOW Type W







Overview

Use AutomationDirect's Flexible Portable Cord for temporary or portable power applications in industrial, OEM, utility, and commercial environments. Portable cord is a great solution for ceiling drops, mobile machinery power supplies, pendants, and lighting. Applications include factory floor, mining, and heavy construction. Our cord is highly flexible and suitable for harsh conditions, including temperature extremes, and is resistant to oil and chemicals that are common in the industrial environment.

AutomationDirect offers a wide range of portable cord types with jacket materials like CPE (chlorinated polyethylene elastomers), thermoset rubber or TPE (thermoplastic elastomer), and insulation types of Ethylene propylene rubber (EPR) or Ethylene Propylene Diene Monomer (EPDM) rubber. The combinations of these jackets and insulation types meet the requirement for "Extra-Hard Use" (SOOW & SEOOW) or "Hard Use" (SJOOW & SJEOOW) applications and carry the appropriate UL, CSA or MSHA ratings so they can be trusted to work in the harshest environments.

You should feel confident that AutomationDirect's Portable Cord meets or exceeds all the requirements to make it UL & CSA Listed and complies with NFPA 70 Articles 400 & 501.140 (Haz-Loc) and the Mine Safety and Health Administration.

Portable Cord Letter Codes Definitions:

- **S** = Service cord 600 Volt
- **J** = Junior service 300 Volt
- **E** = Elastomer thermoplastic elastomer that looks and feels like rubber
- **OO** = Oil-resistant outer jacket and oil-resistant interior insulation
- **W** = Moisture and sunlight resistant (approved for indoor and outdoor use)

Features

- 18AWG to 6AWG
- 2, 3, 4 & 5 conductors
- Cut to length in 1-foot increments
- As low as 10-foot minimum length
- 600V & 300V versions, Type W 2000V
- Multiple ratings and approvals
- Wide operating temperature range
- Thermoset rubber or thermoplastic jackets
- Suitable for outdoor use
- Excellent abrasion resistance

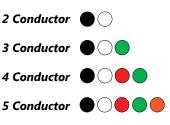






Click on the above thumbnail or go to https://www.automationdirect.com/VID-WD-0016 for a short introduction on our cut to length cable

Conductor Colors:



DIRECTWIRE 8AWG SOOW Portable Cord

	8AWG SOOW Portable			
Conductor Gauge	8AWG			
Conductor Stranding	182/30 bare copper	Conductor Color	3 conductor - Black, White, Green	
Voltage Rating	600V		4 conductor - Black, White, Red, Green	
Outer Jacket Material	CPE (chlorinated polyethylene elastomers) thermoset rubber			
Outer Jacket Color	Black with white print	Temperature Rating	-40°C (-40°F) to 90°C (194 °F)	
Outer Jacket Thickness	0.060 in [1.52 mm] nominal		ET5 Flame Tested	
Overall Diameter	See table below			
Cold Bend	-40°C (-40°F) per UL 1277	Applicable Standards*	NEC (NFPA 70) Article 400	
Minimum Bend Radius	4x diameter		NEC (NFPA 70) 501.140 Class 1 Div 2	
Operating Temperature	-40°C to 90°C (-40°F to 194°F)		MSHA	
Conductor Insulation	Low-smoke, halogen-free EPDM compound		Direct Wire [AWG]/[COND] SOOW 600\	
Conductor Nominal Insulation Thickness	0.030 in [0.76 mm]	Sample Print Legend	FT5 -40°C - 90°C P-07-KÁ190007- MSHA 30-CFR-S-7.407	

8AWG SOOW Portable Cord						
Part Number	AWG/# of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
<u>SOOW-8-3BK-1</u>	8/3	17.86	40A	- 10ft	0.314	\$3.98
<u>SOOW-8-4BK-1</u>	8/4	19.56	35A		0.406	Retired
* Per NFPA 70 NEC Table 400.5 (A)(1) ** See web store for maximum cut lengths						



Please Note: Our prices on flexible cord are closely tied to the market price for copper. This allows us to offer the best savings possible if conditions are favorable; however, it also means that our prices may increase if market conditions warrant.

DIRECTWIRE 6AWG SOOW Portable Cord

Conductor Gauge	6AWG			
Conductor Stranding	260/30 bare copper	Conductor Color	3 conductor - Black, White, Green	
Voltage Rating	600V			
Outer Jacket Material	CPE (chlorinated polyethylene elastomers) thermoset rubber		4 conductor - Black, White, Red, Green	
Outer Jacket Color	Black with white print	Temperature Rating	-40°C (-40°F) to 90°C (194 °F)	
Outer Jacket Thickness	0.060 in [1.52 mm] nominal		FT5 Flame Tested	
Overall Diameter	See table below		FIS Flame lested	
Cold Bend	-40°C (-40°F) per UL 1277	Applicable Standards	NEC (NFPA 70) Article 400	
Minimum Bend Radius	4x diameter		NEC (NFPA 70) 501.140 Class 1 Div 2	
Operating Temperature	-40°C to 90°C (-40°F to 194°F)		MSHA	
Conductor Insulation	Low-smoke, halogen-free EPDM compound		Direct Wire [AWG]/[COND] SOOW 600\	
Conductor Nominal Insulation Thickness	0.030 in [0.76 mm]	Sample Print Legend	FT5 -40°C - 90°C P-07-KA190007- MSHA 30-CFR-S-7.407	

6AWG SOOW Portable Cord						
Part Number	AWG/# of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
SOOW-6-3BK-1	6/3	19.33	55A	- 10ft	0.398	\$5.61
SOOW-6-4BK-1	6/4	21.21	45A		0.519	Retired
* Per NFPA 70 NEC Table 400.5 (A)(1) ** See web store for maximum cut lengths						



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