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

CUT TO LENGTH CABLES

FREE shipping - orders over $49
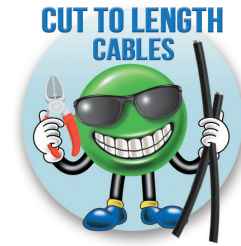
Overview

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.

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

U.S. Department of Labor MSHA Mine Safety & Health Administration

MONDAY MINUTE Cut To Length Wire

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

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)

Conductor Colors:

2 Conductor ● ○

3 Conductor ● ○ ●(green)

4 Conductor ● ○ ●(red) ●(green)

5 Conductor ● ○ ●(red) ●(green) ●(orange)

DIRECT WIRE 8AWG SOOW Portable Cord

8AWG SOOW Portable Cord Specifications

Conductor Gauge	8AWG	Conductor Color	3 conductor - Black, White, Green
Conductor Stranding	182/30 bare copper		
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	Applicable Standards*	FT5 Flame Tested
Overall Diameter	See table below		
Cold Bend	-40°C (-40°F) per UL 1277		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	Sample Print Legend	Direct Wire [AWG]/[COND] SOOW 600V FT5 -40°C - 90°C P-07-KA190007- MSHA 30-CFR-S-7.407
Conductor Nominal Insulation Thickness	0.030 in [0.76 mm]		

* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

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
SOOW-8-3BK-1	8/3	17.86	40A	10ft	0.314	Retired
SOOW-8-4BK-1	8/4	19.56	35A		0.406	Retired

* Per NFPA 70 NEC Table 400.5 (A)(1)
** See web store for maximum cut lengths

FREE shipping - orders over $49

CUT TO LENGTH CABLES

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.

DIRECT WIRE 6AWG SOOW Portable Cord

6AWG SOOW Portable Cord Specifications

Conductor Gauge	6AWG	Conductor Color	3 conductor - Black, White, Green
Conductor Stranding	260/30 bare copper		
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	Applicable Standards	FT5 Flame Tested
Overall Diameter	See table below		
Cold Bend	-40°C (-40°F) per UL 1277		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	Sample Print Legend	Direct Wire [AWG]/[COND] SOOW 600V FT5 -40°C - 90°C P-07-KA190007-MSHA 30-CFR-S-7.407
Conductor Nominal Insulation Thickness	0.030 in [0.76 mm]		

* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at www.AutomationDirect.com

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

FREE shipping - orders over $49

CUT TO LENGTH CABLES

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.