

# 8AWG Type W Portable Cord - 2000 Volt

8AWG Type W Portable Cord Specifications			
<b>Conductor Gauge</b>	8AWG	<b>Conductor Color</b>	Per UL 62 Annex B
<b>Conductor Stranding</b>	133/30 bare copper, Class K stranding ASTM B 174		4 conductor - Black, White, Red, Green
<b>Voltage Rating</b>	2000V		
<b>Outer Jacket Material</b>	CPE (chlorinated polyethylene elastomers) thermoset rubber		
<b>Outer Jacket Color</b>	Black with white print	<b>Temperature Rating</b>	90°C (194°F) Wet, 90°C (194°F) Dry
<b>Outer Jacket Thickness</b>	0.060" [1.52 mm] Nominal	<b>Applicable Standards</b>	UL Type W per 1650, Type RHH or RHW-2, FT-5
<b>Overall Diameter</b>	See table below		CSA 22.2 No. 49
<b>Cold Bend</b>	-40°C (-40°F) per UL 1277		NEC (NFPA 70) Article 400
<b>Min. Bend Radius</b>	4x diameter		NEC (NFPA 70) 501.140 Class 1 Div 2
<b>Operating Temperature</b>	-40°C to 90°C (-40°F to 194°F)		MSHA
<b>Conductor Insulation</b>	EPDM (ethylene propylene diene monomer) thermoset rubber	<b>Approvals*</b>	UL (E83541), CSA (236844)
<b>Conductor Nominal Insulation Thickness</b>	0.06" [1.52 mm]	<b>Sample Print Legend</b>	SOUTHWIRE® X AWG X/C TYPE W PORTABLE POWER CABLE 90°C WET OR DRY 2000V OIL AND SUN RES (UL) P-136- 35-MSHA AIW™ c(UL) FT1/FT5 (-40°C)
* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at			

8AWG Type W Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
W-8-4BK-1	8/4	1.01 [25.65]	65	20	0.92	
* 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.

# Flexible Portable Cord - Type SOOW, SJOOW, SEOOW & SJEOWW Type W



## Overview

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

You get the choice of CPE (chlorinated polyethylene elastomers) thermoset rubber or TPE (thermoplastic elastomer) portable cords that meet all of your requirements in either "Extra-Hard Use" (SOOW & SEOOW) or "Hard Use" (SJOOW & SJEOWW).

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 8AWG
- 2, 3, 4 & 5 conductors
- Cut to length in 1 foot increments
- Low 20 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



### Portable Cord Letter Codes Definitions:

**S** = Service cord - 600 Volt

**J** = Junior service - 300 Volt

**E** = Elastomer - thermoplastic 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)

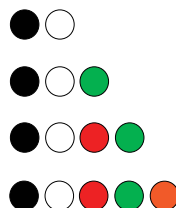
### Conductor Colors:

**2 Conductor**

**3 Conductor**

**4 Conductor**

**5 Conductor**



Click on the above thumbnail or go to  
<https://VID-WD-0016>  
for a short introduction on our cut to length cable

