

8AWG Type W Portable Cord - 2000 Volt

8AWG Type W Portable Cord Specifications			
Conductor Gauge	8AWG	Conductor Color	Per UL 62 Annex B
Conductor Stranding	133/30 bare copper, Class K stranding ASTM B 174		4 conductor - Black, White, Red, Green
Voltage Rating	2000V		
Outer Jacket Material	CPE (chlorinated polyethylene elastomers) thermoset rubber	Temperature Rating	90°C (194°F) Wet, 90°C (194°F) Dry
Outer Jacket Color	Black with white print	Applicable Standards	UL Type W per 1650, Type RHH or RHW-2, FT-5
Outer Jacket Thickness	0.060" [1.52 mm] Nominal		CSA 22.2 No. 49
Overall Diameter	See table below		NEC (NFPA 70) Article 400
Cold Bend	-40°C (-40°F) per UL 1277		NEC (NFPA 70) 501.140 Class 1 Div 2
Min. Bend Radius	4x diameter		MSHA
Operating Temperature	-40°C to 90°C (-40°F to 194°F)	Approvals*	UL (E83541), CSA (236844)
Conductor Insulation	EPDM (ethylene propylene diene monomer) thermoset rubber		
Conductor Nominal Insulation Thickness	0.06" [1.52 mm]	Sample Print Legend	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 www.AutomationDirect.com*

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	\$4.21

* 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 & SJEOW Type W



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 & SJEOW).

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 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 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



Conductor Colors:

2 Conductor ● ○

3 Conductor ● ○ ●

4 Conductor ● ○ ● ●

5 Conductor ● ○ ● ● ●



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