

# 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<br>ASTM B 174           |                             | 4 conductor - Black, White, Red, Green      |
| <b>Voltage Rating</b>                         | 2000V   |                             |   |
| <b>Outer Jacket Material</b>                  | CPE (chlorinated polyethylene elastomers)<br>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]   |                             |   |

\* 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](http://www.AutomationDirect.com)

| 8AWG Type W Portable Cord |                      |                                  |           |                       |                         |       |
|---------------------------|----------------------|----------------------------------|-----------|-----------------------|-------------------------|-------|
| Part Number               | AWG/ # of Conductors | Nominal Overall Diameter in [mm] | Ampacity* | Reel/Coil Length (ft) | Approximate Weight (lb) | Price |
| <b>W-8-4BK10</b>          | 8/4                  | 0.985 [25.02]                    | 65        | 10                    | 6.0                     |       |
| <b>W-8-4BK20</b>          | 8/4                  | 0.985 [25.02]                    | 65        | 20                    | 12.5                    |       |
| <b>W-8-4BK25</b>          | 8/4                  | 0.985 [25.02]                    | 65        | 25                    | 15.5                    |       |
| <b>W-8-4BK50</b>          | 8/4                  | 0.985 [25.02]                    | 65        | 50                    | 30.5                    |       |
| <b>W-8-4BK75</b>          | 8/4                  | 0.985 [25.02]                    | 65        | 75                    | 46.0                    |       |
| <b>W-8-4BK100</b>         | 8/4                  | 0.985 [25.02]                    | 65        | 100                   | 119.0                   |       |
| <b>W-8-4BK150</b>         | 8/4                  | 0.985 [25.02]                    | 65        | 150                   | 151.0                   |       |
| <b>W-8-4BK250</b>         | 8/4                  | 0.985 [25.02]                    | 65        | 250                   | 229.0                   |       |

\* Per NFPA 70 NEC Table 400.5 (A)(1)

**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



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.

## 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 conductors
- Available in 20, 50, 100, 250, 500 & 1000 foot lengths
- 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** ● ○ ● ●