

# 18AWG SJEOOW Portable Cord - 300 Volt

18AWG SJEOOW Portable Cord Specifications			
<b>Conductor Gauge</b>	18AWG	<b>Conductor Color</b>	Per UL 62 Annex B
<b>Conductor Stranding</b>	16/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
<b>Voltage Rating</b>	300V		3 conductor - Black, White, Green
<b>Outer Jacket Material</b>	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
<b>Outer Jacket Color</b>	Black with white print	<b>Temperature Rating</b>	60°C (140°F) Wet, 105°C (221°F) Dry
<b>Outer Jacket Thickness</b>	0.030" [0.76 mm] Nominal	<b>Applicable Standards</b>	UL 62, FT2
<b>Overall Diameter</b>	See table below		CSA 22.2 No. 49
<b>Cold Bend</b>	-50°C (-58°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>	-50°C to 105°C (-58°F to 221°F)		MSHA
<b>Conductor Insulation</b>	TPE (thermoplastic elastomer)	<b>Approvals*</b>	UL (E46194), CSA (90458)
<b>Conductor Nominal Insulation Thickness</b>	0.030" [0.76 mm]	<b>Sample Print Legend</b>	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm <sup>2</sup> ) SJEOOW E46194 (UL) 300V -50C TO 105C -- CSA LL90458 SJEOOW 300V -50C TO 105C FT2 WATER RESISTANT
* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at <a href="http://www.AutomationDirect.com">www.AutomationDirect.com</a>			

18AWG SJEOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
<b>SJEOOW-18-2BK-1</b>	18/2	0.290 [7.36]	10	20	0.04	\$0.31
<b>SJEOOW-18-3BK-1</b>	18/3	0.310 [7.87]	10	20	0.06	\$0.36
<b>SJEOOW-18-4BK-1</b>	18/4	0.335 [8.51]	7	20	0.07	\$0.45
* 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.

# 16AWG SJEOOW Portable Cord - 300 Volt

16AWG SJEOOW Portable Cord Specifications			
<b>Conductor Gauge</b>	16AWG	<b>Conductor Color</b>	Per UL 62 Annex B
<b>Conductor Stranding</b>	26/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
<b>Voltage Rating</b>	300V		3 conductor - Black, White, Green
<b>Outer Jacket Material</b>	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
<b>Outer Jacket Color</b>	Black with white print	<b>Temperature Rating</b>	60°C (140°F) Wet, 105°C (221°F) Dry
<b>Outer Jacket Thickness</b>	0.030" [0.76 mm] Nominal	<b>Applicable Standards</b>	UL 62, FT2
<b>Overall Diameter</b>	See table below		CSA 22.2 No. 49
<b>Cold Bend</b>	-50°C (-58°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>	-50°C to 105°C (-58°F to 221°F)		MSHA
<b>Conductor Insulation</b>	TPE (thermoplastic elastomer)	<b>Approvals*</b>	UL (E46194), CSA (90458)
<b>Conductor Nominal Insulation Thickness</b>	0.030" [0.76 mm]	<b>Sample Print Legend</b>	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm <sup>2</sup> ) SJEOOW E46194 (UL) 300V -50C TO 105C -- CSA LL90458 SJEOOW 300V -50C TO 105C FT2 WATER RESISTANT
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16AWG SJEOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
<b>SJEOOW-16-2BK-1</b>	16/2	0.315 [8.00]	13	20	0.05	\$0.35
<b>SJEOOW-16-3BK-1</b>	16/3	0.330 [8.32]	13	20	0.07	\$0.42
<b>SJEOOW-16-4BK-1</b>	16/4	0.360 [9.14]	10	20	0.08	\$0.52
* Per NFPA 70 NEC Table 400.5 (A)(1)						
** See web store for maximum cut lengths						



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# 14AWG SJEOOW Portable Cord - 300 Volt

14AWG SJEOOW Portable Cord Specifications			
<b>Conductor Gauge</b>	14AWG	<b>Conductor Color</b>	Per UL 62 Annex B
<b>Conductor Stranding</b>	41/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
<b>Voltage Rating</b>	300V		3 conductor - Black, White, Green
<b>Outer Jacket Material</b>	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
<b>Outer Jacket Color</b>	Black with white print	<b>Temperature Rating</b>	60°C (140°F) Wet, 105°C (221°F) Dry
<b>Outer Jacket Thickness</b>	0.030" [0.76 mm] Nominal	<b>Applicable Standards</b>	UL 62, FT2
<b>Overall Diameter</b>	See table below		CSA 22.2 No. 49
<b>Cold Bend</b>	-50°C (-58°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>	-50°C to 105°C (-58°F to 221°F)		MSHA
<b>Conductor Insulation</b>	TPE (thermoplastic elastomer)	<b>Approvals*</b>	UL (E46194), CSA (90458)
<b>Conductor Nominal Insulation Thickness</b>	0.030" [0.76 mm]	<b>Sample Print Legend</b>	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJEOOW E46194 (UL) 300V -50C TO 105C -- CSA LL90458 SJEOOW 300V -50C TO 105C FT2 WATER RESISTANT
* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at <a href="http://www.AutomationDirect.com">www.AutomationDirect.com</a>			

14AWG SJEOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
<b>SJEOOW-14-2BK-1</b>	14/2	0.345 [8.76]	18	20	0.60	\$0.53
<b>SJEOOW-14-3BK-1</b>	14/3	0.370 [9.14]	18	20	0.80	\$0.71
<b>SJEOOW-14-4BK-1</b>	14/4	0.400 [10.16]	15	20	0.10	\$0.84
* Per NFPA 70 NEC Table 400.5 (A)(1)						
** See web store for maximum cut lengths						



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# 12AWG SJE00W Portable Cord - 300 Volt

12AWG SJE00W Portable Cord Specifications			
<b>Conductor Gauge</b>	12AWG	<b>Conductor Color</b>	Per UL 62 Annex B
<b>Conductor Stranding</b>	65/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
<b>Voltage Rating</b>	300V		3 conductor - Black, White, Green
<b>Outer Jacket Material</b>	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
<b>Outer Jacket Color</b>	Black with white print	<b>Applicable Standards</b>	<b>Temperature Rating</b>
<b>Outer Jacket Thickness</b>	0.045" [1.14 mm] Nominal		60°C (140°F) Wet, 105°C (221°F) Dry
<b>Overall Diameter</b>	See table below		UL 62, FT2
<b>Cold Bend</b>	-50°C (-58°F) per UL 1277		CSA 22.2 No. 49
<b>Min. Bend Radius</b>	4x diameter		NEC (NFPA 70) Article 400
<b>Operating Temperature</b>	-50°C to 105°C (-58°F to 221°F)		NEC (NFPA 70) 501.140 Class 1 Div 2
<b>Conductor Insulation</b>	TPE (thermoplastic elastomer)	<b>Approvals*</b>	MSHA
<b>Conductor Nominal Insulation Thickness</b>	0.045" [1.14 mm]		UL (E46194), CSA (90458)
		<b>Sample Print Legend</b>	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJE00W E46194 (UL) 300V -50C TO 105C -- CSA LL90458 SJE00W 300V -50C TO 105C FT2 WATER RESISTANT
* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at <a href="http://www.AutomationDirect.com">www.AutomationDirect.com</a>			

12AWG SJE00W Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
<b>SJE00W-12-2BK-1</b>	12/2	0.415 [10.54]	25	20	0.10	\$0.72
<b>SJE00W-12-3BK-1</b>	12/3	0.435 [11.05]	25	20	0.12	\$0.84
<b>SJE00W-12-4BK-1</b>	12/4	0.480 [12.19]	20	20	0.16	\$1.06
* Per NFPA 70 NEC Table 400.5 (A)(1)						
** See web store for maximum cut lengths						



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# 10AWG SJE00W Portable Cord - 300 Volt

10AWG SJE00W Portable Cord Specifications			
<b>Conductor Gauge</b>	12AWG	<b>Conductor Color</b>	Per UL 62 Annex B
<b>Conductor Stranding</b>	104/30 bare copper, Class K stranding ASTM B 174		3 conductor - Black, White, Green
<b>Voltage Rating</b>	300V		4 conductor - Black, White, Red, Green
<b>Outer Jacket Material</b>	TPE (thermoplastic elastomer)	<b>Temperature Rating</b>	60°C (140°F) Wet, 105°C (221°F) Dry
<b>Outer Jacket Color</b>	Black with white print		UL 62, FT2
<b>Outer Jacket Thickness</b>	0.060" [1.52 mm] Nominal	<b>Applicable Standards</b>	CSA 22.2 No. 49
<b>Overall Diameter</b>	See table below		NEC (NFPA 70) Article 400
<b>Cold Bend</b>	-50°C (-58°F) per UL 1277		NEC (NFPA 70) 501.140 Class 1 Div 2
<b>Min. Bend Radius</b>	4x diameter		MSHA
<b>Operating Temperature</b>	-50°C to 105°C (-58°F to 221°F)	<b>Approvals*</b>	UL (E46194), CSA (90458)
<b>Conductor Insulation</b>	TPE (thermoplastic elastomer)		<b>Sample Print Legend</b>
<b>Conductor Nominal Insulation Thickness</b>	0.045" [1.14 mm]	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm <sup>2</sup> ) SJE00W E46194 (UL) 300V -50C TO 105C -- CSA LL90458 SJE00W 300V -50C TO 105C FT2 WATER RESISTANT	
* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at <a href="http://www.AutomationDirect.com">www.AutomationDirect.com</a>			

10AWG SJE00W Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
<b>SJE00W-10-3BK-1</b>	10/3	0.580 [14.73]	30	20	0.22	\$1.35
<b>SJE00W-10-4BK-1</b>	10/4	0.640 [16.26]	25	20	0.28	\$1.62
* Per NFPA 70 NEC Table 400.5 (A)(1)						
** See web store for maximum cut lengths						



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# Flexible Portable Cord - Type SOOW, SJOOW, SEOOW & SJEOOW 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 & SJEOOW).

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