

18AWG SJEOOW Portable Cord - 300 Volt

18AWG SJEOOW Portable Cord Specifications			
Conductor Gauge	18AWG	Conductor Color	Per UL 62 Annex B
Conductor Stranding	16/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
Voltage Rating	300V		3 conductor - Black, White, Green
Outer Jacket Material	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print	Temperature Rating	60°C (140°F) Wet, 105°C (221°F) Dry
Outer Jacket Thickness	0.030" [0.76 mm] Nominal	Applicable Standards	UL 62, FT2
Overall Diameter	See table below		CSA 22.2 No. 49
Cold Bend	-50°C (-58°F) per UL 1277		NEC (NFPA 70) Article 400
Min. Bend Radius	4x diameter		NEC (NFPA 70) 501.140 Class 1 Div 2
Operating Temperature	-50°C to 105°C (-58°F to 221°F)		MSHA
Conductor Insulation	TPE (thermoplastic elastomer)	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.030" [0.76 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

18AWG SJEOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Reel/Coil Length (ft)	Approximate Weight (lb)	Price
SJEOOW-18-2BK20	18/2	0.290 [7.36]	10	20	1.0	
SJEOOW-18-2BK50				50	2.2	
SJEOOW-18-2BK100				100	4.4	
SJEOOW-18-2BK250				250	11.0	
SJEOOW-18-2BK500				500	22.0	
SJEOOW-18-2BK1000				1000	44.0	
SJEOOW-18-3BK20	18/3	0.310 [7.87]	10	20	1.1	
SJEOOW-18-3BK50				50	2.8	
SJEOOW-18-3BK100				100	5.5	
SJEOOW-18-3BK250				250	13.8	
SJEOOW-18-3BK500				500	27.5	
SJEOOW-18-3BK1000				1000	55.0	
SJEOOW-18-4BK20	18/4	0.335 [8.51]	7	20	1.3	
SJEOOW-18-4BK50				50	3.3	
SJEOOW-18-4BK100				100	6.6	
SJEOOW-18-4BK250				250	16.5	
SJEOOW-18-4BK500				500	33.0	
SJEOOW-18-4BK1000				1000	66.0	

* 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.

16AWG SJEOOW Portable Cord - 300 Volt

16AWG SJEOOW Portable Cord Specifications			
Conductor Gauge	16AWG	Conductor Color	Per UL 62 Annex B
Conductor Stranding	26/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
Voltage Rating	300V		3 conductor - Black, White, Green
Outer Jacket Material	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print	Temperature Rating	60°C (140°F) Wet, 105°C (221°F) Dry
Outer Jacket Thickness	0.030" [0.76 mm] Nominal	Applicable Standards	UL 62, FT2
Overall Diameter	See table below		CSA 22.2 No. 49
Cold Bend	-50°C (-58°F) per UL 1277		NEC (NFPA 70) Article 400
Min. Bend Radius	4x diameter		NEC (NFPA 70) 501.140 Class 1 Div 2
Operating Temperature	-50°C to 105°C (-58°F to 221°F)		MSHA
Conductor Insulation	TPE (thermoplastic elastomer)	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.030" [0.76 mm]		

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16AWG SJEOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Reel/Coil Length (ft)	Approximate Weight (lb)	Price
SJEOOW-16-2BK20	16/2	0.315 [8.00]	13	20	1.1	
SJEOOW-16-2BK50				50	2.7	
SJEOOW-16-2BK100				100	5.4	
SJEOOW-16-2BK250				250	13.5	
SJEOOW-16-2BK500				500	27.0	
SJEOOW-16-2BK1000				1000	54.0	
SJEOOW-16-3BK20	16/3	0.330 [8.32]	13	20	1.3	
SJEOOW-16-3BK50				50	3.4	
SJEOOW-16-3BK100				100	6.7	
SJEOOW-16-3BK250				250	16.8	
SJEOOW-16-3BK500				500	33.5	
SJEOOW-16-3BK1000				1000	67.0	
SJEOOW-16-4BK20	16/4	0.360 [9.14]	10	20	1.6	
SJEOOW-16-4BK50				50	3.9	
SJEOOW-16-4BK100				100	7.8	
SJEOOW-16-4BK250				250	19.5	
SJEOOW-16-4BK500				500	39.0	
SJEOOW-16-4BK1000				1000	78.0	

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

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14AWG SJE00W Portable Cord - 300 Volt

14AWG SJE00W Portable Cord Specifications			
Conductor Gauge	14AWG	Conductor Color	Per UL 62 Annex B
Conductor Stranding	41/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
Voltage Rating	300V		3 conductor - Black, White, Green
Outer Jacket Material	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print	Temperature Rating	60°C (140°F) Wet, 105°C (221°F) Dry
Outer Jacket Thickness	0.030" [0.76 mm] Nominal	Applicable Standards	UL 62, FT2
Overall Diameter	See table below		CSA 22.2 No. 49
Cold Bend	-50°C (-58°F) per UL 1277		NEC (NFPA 70) Article 400
Min. Bend Radius	4x diameter		NEC (NFPA 70) 501.140 Class 1 Div 2
Operating Temperature	-50°C to 105°C (-58°F to 221°F)		MSHA
Conductor Insulation	TPE (thermoplastic elastomer)	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.030" [0.76 mm]		

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14AWG SJE00W Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Reel/Coil Length (ft)	Approximate Weight (lb)	Price
SJE00W-14-2BK20	14/2	0.345 [8.76]	18	20	1.4	
SJE00W-14-2BK50				50	3.4	
SJE00W-14-2BK100				100	6.8	
SJE00W-14-2BK250				250	17.0	
SJE00W-14-2BK500				500	34.0	
SJE00W-14-2BK1000				1000	60.0	
SJE00W-14-3BK20	14/3	0.370 [9.14]	18	20	1.7	
SJE00W-14-3BK50				50	4.2	
SJE00W-14-3BK100				100	8.4	
SJE00W-14-3BK250				250	21.0	
SJE00W-14-3BK500				500	42.0	
SJE00W-14-3BK1000				1000	79.0	
SJE00W-14-4BK20	14/4	0.400 [10.16]	15	20	2.1	
SJE00W-14-4BK50				50	5.2	
SJE00W-14-4BK100				100	10.4	
SJE00W-14-4BK250				250	26.0	
SJE00W-14-4BK500				500	52.0	
SJE00W-14-4BK1000				1000	98.0	

* 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.

12AWG SJE00W Portable Cord - 300 Volt

12AWG SJE00W Portable Cord Specifications			
Conductor Gauge	12AWG	Conductor Color	Per UL 62 Annex B
Conductor Stranding	65/30 bare copper, Class K stranding ASTM B 174		2 conductor - Black, White
Voltage Rating	300V		3 conductor - Black, White, Green
Outer Jacket Material	TPE (thermoplastic elastomer)		4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print	Temperature Rating	60°C (140°F) Wet, 105°C (221°F) Dry
Outer Jacket Thickness	0.045" [1.14 mm] Nominal	Applicable Standards	UL 62, FT2
Overall Diameter	See table below		CSA 22.2 No. 49
Cold Bend	-50°C (-58°F) per UL 1277		NEC (NFPA 70) Article 400
Min. Bend Radius	4x diameter		NEC (NFPA 70) 501.140 Class 1 Div 2
Operating Temperature	-50°C to 105°C (-58°F to 221°F)		MSHA
Conductor Insulation	TPE (thermoplastic elastomer)	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.045" [1.14 mm]		

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12AWG SJE00W Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Reel/Coil Length (ft)	Approximate Weight (lb)	Price
SJE00W-12-2BK20	12/2	0.415 [10.54]	25	20	1.9	
SJE00W-12-2BK50				50	4.9	
SJE00W-12-2BK100				100	9.7	
SJE00W-12-2BK250				250	24.3	
SJE00W-12-2BK500				500	48.5	
SJE00W-12-2BK1000				1000	97.0	
SJE00W-12-3BK20	12/3	0.435 [11.05]	25	20	2.5	
SJE00W-12-3BK50				50	6.2	
SJE00W-12-3BK100				100	12.3	
SJE00W-12-3BK250				250	30.8	
SJE00W-12-3BK500				500	61.5	
SJE00W-12-3BK1000				1000	123.0	
SJE00W-12-4BK20	12/4	0.480 [12.19]	20	20	3.1	
SJE00W-12-4BK50				50	7.9	
SJE00W-12-4BK100				100	15.7	
SJE00W-12-4BK250				250	39.3	
SJE00W-12-4BK500				500	78.5	
SJE00W-12-4BK1000				1000	157.0	

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

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10AWG SJE00W Portable Cord - 300 Volt

10AWG SJE00W Portable Cord Specifications			
Conductor Gauge	12AWG	Conductor Color	Per UL 62 Annex B
Conductor Stranding	104/30 bare copper, Class K stranding ASTM B 174		3 conductor - Black, White, Green
Voltage Rating	300V		4 conductor - Black, White, Red, Green
Outer Jacket Material	TPE (thermoplastic elastomer)	Temperature Rating	60°C (140°F) Wet, 105°C (221°F) Dry
Outer Jacket Color	Black with white print		UL 62, FT2
Outer Jacket Thickness	0.060" [1.52 mm] Nominal	Applicable Standards	CSA 22.2 No. 49
Overall Diameter	See table below		NEC (NFPA 70) Article 400
Cold Bend	-50°C (-58°F) per UL 1277		NEC (NFPA 70) 501.140 Class 1 Div 2
Min. Bend Radius	4x diameter		MSHA
Operating Temperature	-50°C to 105°C (-58°F to 221°F)	Approvals*	UL (E46194), CSA (90458)
Conductor Insulation	TPE (thermoplastic elastomer)		
Conductor Nominal Insulation Thickness	0.045" [1.14 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

10AWG SJE00W Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Reel/Coil Length (ft)	Approximate Weight (lb)	Price
SJE00W-10-3BK20	10/3	0.580 [14.73]	30	20	4.3	
SJE00W-10-3BK50				50	10.8	
SJE00W-10-3BK100				100	21.6	
SJE00W-10-3BK250				250	54.0	
SJE00W-10-3BK500				500	108.0	
SJE00W-10-3BK1000				1000	216.0	
SJE00W-10-4BK20	10/4	0.640 [16.26]	25	20	5.5	
SJE00W-10-4BK50				50	13.8	
SJE00W-10-4BK100				100	27.6	
SJE00W-10-4BK250				250	69.0	
SJE00W-10-4BK500				500	138.0	
SJE00W-10-4BK1000				1000	276.0	

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

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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** ● ○ ● ●