

18AWG SJOOW Portable Cord - 300 Volt

18AWG SJOOW 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	CPE (chlorinated polyethylene elastomers)thermoset rubber		4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print	Temperature Rating	75°C (167°F) Wet, 90°C (194°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	-40°C (-40°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	-40°C to 90°C (-40°F to 194°F)		MSHA
Conductor Insulation	EPDM (ethylene propylene diene monomer) thermoset rubber	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.030" [0.76 mm]	Sample Print Legend	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJOOW E46194 (UL) 300V -40C TO 90C – CSA LL90458 SJOOW 300V -40C TO 90C 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			

18AWG SJOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
SJOOW-18-2BK-1	18/2	0.285 [7.24]	10	20	0.05	
SJOOW-18-3BK-1	18/3	0.310 [7.87]	10	20	0.06	
SJOOW-18-4BK-1	18/4	0.330 [8.38]	7	20	0.07	
* 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 SJOOW Portable Cord - 300 Volt

16AWG SJOOW 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	CPE (chlorinated polyethylene elastomers)thermoset rubber		4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print	Temperature Rating	75°C (167°F) Wet, 90°C (194°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	-40°C (-40°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	-40°C to 90°C (-40°F to 194°F)		MSHA
Conductor Insulation	EPDM (ethylene propylene diene monomer) thermoset rubber	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.030" [0.76 mm]	Sample Print Legend	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJOOW E46194 (UL) 300V -40C TO 90C -- CSA LL90458 SJOOW 300V -40C TO 90C 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			

16AWG SJOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
SJOOW-16-2BK-1	16/2	0.310 [7.87]	13	20	0.06	
SJOOW-16-3BK-1	16/3	0.330 [8.38]	13	20	0.07	
SJOOW-16-4BK-1	16/4	0.357 [9.07]	10	20	0.09	
* Per NFPA 70 NEC Table 400.5 (A)(1)						
** See web store for maximum cut lengths						



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14AWG SJOOW Portable Cord - 300 Volt

14AWG SJOOW 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	CPE (chlorinated polyethylene elastomers)thermoset rubber	Temperature Rating	4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print		75°C (167°F) Wet, 90°C (194°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	-40°C (-40°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	-40°C to 90°C (-40°F to 194°F)		MSHA
Conductor Insulation	EPDM (ethylene propylene diene monomer) thermoset rubber	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.030" [0.76 mm]	Sample Print Legend	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJOOW E46194 (UL) 300V -40C TO 90C -- CSA LL90458 SJOOW 300V -40C TO 90C 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			

14AWG SJOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
SJOOW-14-2BK-1	14/2	0.340 [8.64]	18	20	0.06	
SJOOW-14-3BK-1	14/3	0.365 [9.27]	18	20	0.08	
SJOOW-14-4BK-1	14/4	0.395 [10.03]	15	20	0.10	
* Per NFPA 70 NEC Table 400.5 (A)(1)						
** See web store for maximum cut lengths						



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12AWG SJOOW Portable Cord - 300 Volt

12AWG SJOOW 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	CPE (chlorinated polyethylene elastomers)thermoset rubber	Temperature Rating	4 conductor - Black, White, Red, Green
Outer Jacket Color	Black with white print		75°C (167°F) Wet, 90°C (194°F) Dry
Outer Jacket Thickness	0.045" [1.14 mm] Nominal		Applicable Standards
Overall Diameter	See table below	CSA 22.2 No. 49	
Cold Bend	-40°C (-40°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	-40°C to 90°C (-40°F to 194°F)		MSHA
Conductor Insulation	EPDM (ethylene propylene diene monomer) thermoset rubber	Approvals*	UL (E46194), CSA (90458)
Conductor Nominal Insulation Thickness	0.030" [0.76 mm]	Sample Print Legend	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJOOW E46194 (UL) 300V -40C TO 90C -- CSA LL90458 SJOOW 300V -40C TO 90C 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			

12AWG SJOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
SJOOW-12-2BK-1	12/2	0.410 [10.41]	25	20	0.09	
SJOOW-12-3BK-1	12/3	0.430 [10.92]	25	20	0.12	
SJOOW-12-4BK-1	12/4	0.470 [11.94]	20	20	0.15	
* Per NFPA 70 NEC Table 400.5 (A)(1)						
** See web store for maximum cut lengths						



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10AWG SJOOW Portable Cord - 300 Volt

10AWG SJOOW Portable Cord Specifications			
Conductor Gauge	10AWG	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	CPE (chlorinated polyethylene elastomers)thermoset rubber	Temperature Rating	75°C (167°F) Wet, 90°C (194°F) Dry
Outer Jacket Color	Black with white print	Applicable Standards	UL 62, FT2
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 (E46194), CSA (90458)
Conductor Insulation	EPDM (ethylene propylene diene monomer) thermoset rubber	Sample Print Legend	SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJOOW E46194 (UL) 300V -40C TO 90C -- CSA LL90458 SJOOW 300V -40C TO 90C FT2 WATER RESISTANT
Conductor Nominal Insulation Thickness	0.045" [1.14 mm]		

* To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number's web page at

10AWG SJOOW Portable Cord						
Part Number	AWG/ # of Conductors	Nominal Overall Diameter in [mm]	Ampacity*	Minimum Cut Length (ft)**	Approximate Weight (lb/ft)	Price per foot
SJOOW-10-3BK-1	10/3	0.569 [14.45]	30	20	0.25	
SJOOW-10-4BK-1	10/4	0.635 [16.13]	25	20	0.26	

* 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 & 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)

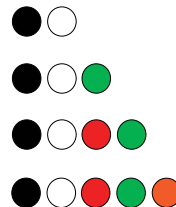
Conductor Colors:

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

