

300V SJTOW Cord with Black Jacket 105°C. Silicone Free

300 Volt, 105°C Flexible Cord. Heat and Moisture PVC Insulation and Heat, Moisture, Oil Resistant and Flexible PVC Jacket. Approved for Outdoor use. Rated UL VW-1 and CSA FT1, FT2 Flame Resistant.

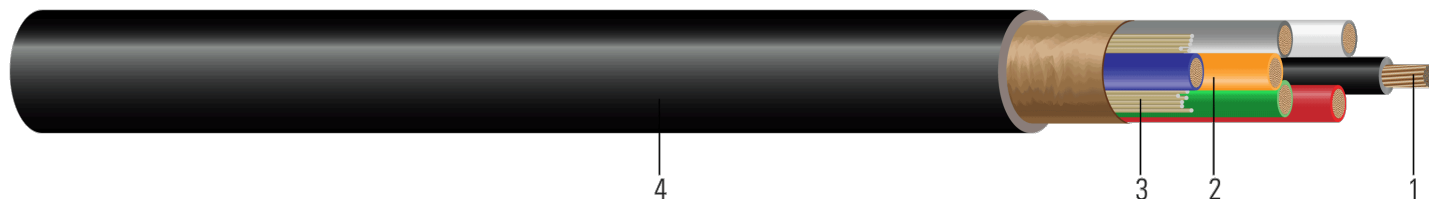


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Class K, Flexible stranded bare copper per ASTM B3 and B174
- Insulation:** Heat and moisture resistant colored PVC (other color options available)
- Fillers:** Paper fillers as necessary to make round
- Jacket:** Black PVC (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SJTOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2017 National Electric Code. Some typical applications for Type SJTOW Cord include, but are not limited to: Wiring for industrial machinery such as washing machines and other large appliances, heavy-duty portable tools, motors and temporary electrical.

SPECIFICATIONS:

- ASTM B3 Standard Specification for Soft or Annealed Copper Wire
- ASTM B174 Standard Specification for Bunch-Stranded Copper
- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables

SAMPLE PRINT LEGEND:

SOUTHWIRE® {UL} VW-1 E46194 SJTOW X/C XX AWG (X.XX{mm²}) 105{D}C DRY 60{D}C WATER RESISTANT 300V {CSA} FT1,FT2 LL90458

PACKAGING:

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.



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Table 1 – Weights and Measurements

Cond. Size AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Insul. Thickness mil	Jacket Thickness mil	Approx. OD inch	Approx. Weight lb/1000ft	Ampacity * Amp
18	2	16/30	30	30	0.290	39	10
18	3	16/30	30	30	0.308	53	10
18	4	16/30	30	30	0.350	67	7
18	5	16/30	30	30	0.375	86	7
16	2	26/30	30	30	0.310	48	13
16	3	26/30	30	30	0.340	66	13
14	2	41/30	30	30	0.340	60	18
14	3	41/30	30	30	0.380	88	18
14	4	41/30	30	30	0.400	106	15
12	3	65/30	30	45	0.445	126	25

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

* Ampacities are based on TABLE 400.5(A)(1) of the 2020 National Electrical Code and CEC Table 12.

Table 2 – Weights and Measurements (Metric)

Cond. Size AWG/Kcmil	Cond. Number Count	Cond. Strands # x AWG	Insul. Thickness mm	Jacket Thickness mm	Approx. OD mm	Approx. Weight kg/km	Ampacity * Amp
18	2	16/30	0.76	0.76	7.37	58	10
18	3	16/30	0.76	0.76	7.82	79	10
18	4	16/30	0.76	0.76	8.89	100	7
18	5	16/30	0.76	0.76	9.52	128	7
16	2	26/30	0.76	0.76	7.87	71	13
16	3	26/30	0.76	0.76	8.64	98	13
14	2	41/30	0.76	0.76	8.64	89	18
14	3	41/30	0.76	0.76	9.65	131	18
14	4	41/30	0.76	0.76	10.16	158	15
12	3	65/30	0.76	1.14	11.30	188	25

Color Code and Stock Numbers

Phase Color	Jacket Color	Number of Conductors	Size (strd/size)			
			18	16	14	12
BLK, WHT	BLK	2	564721	564554		
BRN, BLU	BLK	2			597555	
BLK, WHT, GRN	BLK	3		565924	564552	564701
BLK, WHT, GRN	WHT	3	574419 (41/30)			
BLK, WHT, GRN/YLW	BLK	3	675346	564718	564952	
BLK, WHT, GRN	YLW	3		2013602		2013802
BLK, WHT, RED, GRN/YLW	BLK	4	640708		580999	
BLK, WHT, RED, GRN/YLW	GRAY / YELLOW	4	674248 / 565346			
BLK, WHT, GRY, VIOLET, GRN	WHT	5	678962			

