

300V SJTW Cord with Black Jacket 105°C

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

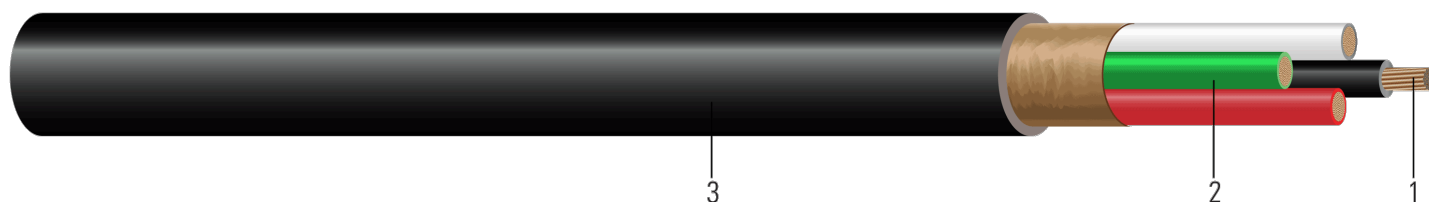


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

- Conductor:** Class K or Class M, Flexible stranded bare copper per ASTM B3 and B174
- Insulation:** Heat and moisture resistant colored PVC (other color options available)
- Jacket:** Black PVC (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SJTW Flexible Cords UL/ CSA listed are permitted for use as specified by Article 400 and related articles of the 2017 National Electrical Code. The cable is water and weather resistant, designed for small power tools, motors, and temporary electrical power and lighting installations for construction sites. The insulated conductors are cabled together without fillers. A tissue paper separator is helically applied over the cabled assembly to facilitate overall jacket removal.

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
- RoHS-3 Complies with European Directive 2015/863

SAMPLE PRINT LEGEND:

SOUTHWIRE® {UL} VW-1 E46194 SJTW 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	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *
AWG/Kcmil	Count	# x AWG	mil	mil	inch	lb/1000ft	Amp
18	2	16/30	30	30	0.3	46	10
18	3	16/30	30	30	0.31	55	10
18	4	16/30	30	30	0.34	70	7
16	2	26/30	30	30	0.32	58	13
16	3	26/30	30	30	0.33	68	13
14	2	41/30	30	30	0.34	72	18
14	3	41/30	30	30	0.37	88	18
14	4	41/30	30	30	0.4	113	15
14	5	41/30	30	30	0.47	151	15
12	2	65/30	30	30	0.42	110	25
12	3	65/30	30	45	0.45	139	25
12	4	65/30	30	45	0.48	167	20

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) of the 2017 National Electrical Code and CEC Table 12.

Table 2 – Weights and Measurements (Metric)

Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *
AWG/Kcmil	Count	# x AWG	mm	mm	mm	kg/km	Amp
18	2	16/30	0.76	0.76	7.62	68	10
18	3	16/30	0.76	0.76	7.87	82	10
18	4	16/30	0.76	0.76	8.64	104	7
16	2	26/30	0.76	0.76	8.13	86	13
16	3	26/30	0.76	0.76	8.38	101	13
14	2	41/30	0.76	0.76	8.64	107	18
14	3	41/30	0.76	0.76	9.40	131	18
14	4	41/30	0.76	0.76	10.16	168	15
14	5	41/30	0.76	0.76	11.94	225	15
12	2	65/30	0.76	0.76	10.67	164	25
12	3	65/30	0.76	1.14	11.43	207	25
12	4	65/30	0.76	1.14	12.19	249	20



Color Code and Stock Numbers Black Jacket

Color. (Jacket Color)	Number of Conductors	Size				
		18	16	14	12	10
BLK, WHT (Black)	2	565107		556595		
RED, LIGHT BLU (Black)	2			590197		
BLK, WHT, GRN (Black)	3	566328	558533	558358	571238	679321
BLK, WHT, GRN (White)	3		586343			
BLK, WHT, GRN/YLW (Black)	3	564564				
BLK, WHT, RED, GRN (Black)	4			557966		
BLK, WHT, RED, GRN/YLW (Black)	4	564436			559331	
BLK, WHT, RED, ORG, GRN (Black)	5			565338		

Stock No: 565107 18-16 CU 2/C BLACK/WHITE CONTAINS FILLERS

