

## 300V SJTOW Cord with Black Jacket 105°C NF

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.

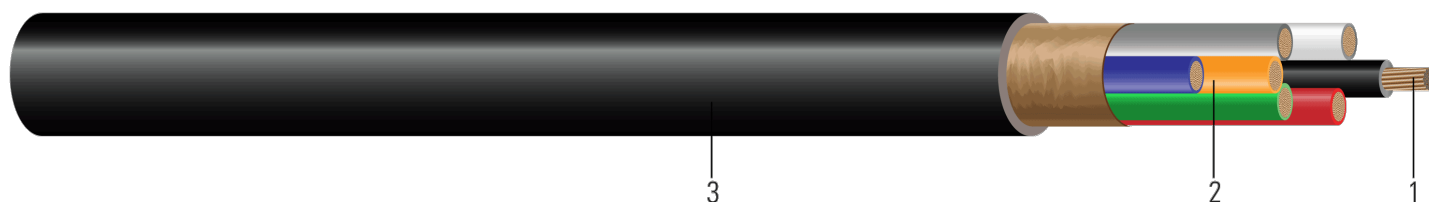


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

- Conductor:** Class K, Flexible stranded bare copper per ASTM B3 and B174
- Insulation:** Heat and moisture resistant colored PVC (other color options available)
- 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.



**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	0.300	46	10
18	3	16/30	30	30	0.315	55	10
18	4	16/30	30	30	0.345	70	7
18	6	16/30	30	30	0.420	106	7
16	2	26/30	30	30	0.320	58	13
16	3	26/30	30	30	0.330	68	13
16	6	26/30	30	30	0.390	98	10
14	2	41/30	30	30	0.340	72	18
14	3	41/30	30	30	0.353	88	18
14	4	41/30	30	30	0.405	113	15
14	5	41/30	30	30	0.473	151	15
12	2	65/30	30	30	0.420	110	25
12	3	65/30	30	45	0.450	139	25
12	4	65/30	30	45	0.480	167	20
12	5	65/30	30	45	0.530	208	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 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	7.62	68	10
18	3	16/30	0.76	0.76	8.00	82	10
18	4	16/30	0.76	0.76	8.76	104	7
18	6	16/30	0.76	0.76	10.67	158	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
16	6	26/30	0.76	0.76	9.91	146	10
14	2	41/30	0.76	0.76	8.64	107	18
14	3	41/30	0.76	0.76	8.97	131	18
14	4	41/30	0.76	0.76	10.29	168	15
14	5	41/30	0.76	0.76	12.01	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
12	5	65/30	0.76	1.14	13.46	310	20



**Color Code and Stock Numbers**

Color	Jacket Color	Number of Conductors	Size			
			18	16	14	12
BLK, WHT, GRN	Black	3	563135	640728	564599	
BLK, WHT, GRN	Gray	3		567150	565075	
BLK, WHT, GRN/YLW	Black	3	564725	565472	599102	
BRN, BLU, GRN/YLW	Black	3		582180		
BLK, WHT, RED, GRN	Black	4	566764		564734	
BLK, WHT, RED, GRN/YLW	Black	4			599103	
BLK, WHT, RED, ORG, GRN	Black	5			564717	679942
BLK, WHT, GRY, VIOLET, GRN	White	5				
BLK, WHT, GRY, VIOLET, GRN	Black	5	672177			
BLK, WHT, RED, ORG, BLU, GRN	Black	6	679875			

