300V SJTOW Cord with Black Jacket 105°C.

300 Volt, 105°C Flexible Cord. Premium Oil Resistance, Sunlight, Water Resistance and Flame Retardant, UL / CSA listed.

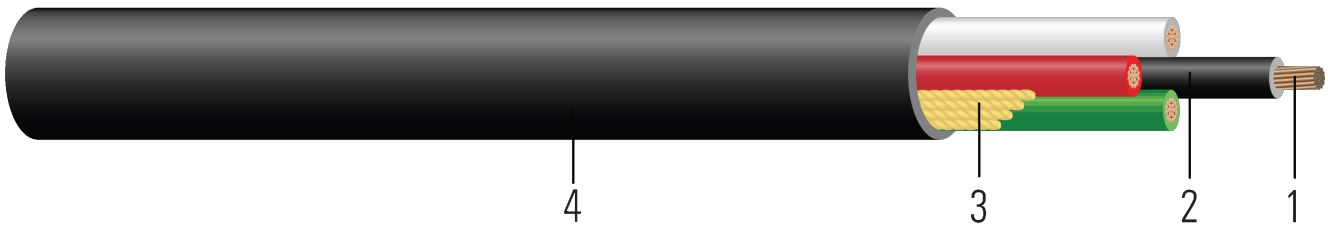


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Moisture and oil resistant Polyvinyl Chloride PVC
3. **Filler:** Paper filler and binder as needed. See table below
4. **Jacket:** Black Polyvinyl Chloride PVC (Other colors available upon request)

APPLICATIONS AND FEATURES:

Southwire Type SJTOW Flexible Cords are permitted for Indoor and outdoor temporary power uses, portable industrial machinery, compressors, conveyor and automated production equipment. Cords are suitable for use in temperatures between -40°C to maximum 105°C.

SPECIFICATIONS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- Passes CSA FT2 Flame Test
- RoHS-3 Complies with European Directive 2015/863
- NEC Article 400 Flexible Cords, Cables and Fixture Wire
- Federal Specification J-C-580B

SAMPLE PRINT LEGEND:

(UL) VW-1 E46194 SJTOW X/C XX AWG (X.XXXmm2) 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

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
563135	18	3	16	30	40	0.315	57	7	6.659	BK,WE,GN	BK
565924	16	3	26	30	40	0.345	69	10	4.181	BK,WE,GN	BK
564713	14	3	41	30	30	0.375	93	15	2.621	BK,WE,GN	BK
653041	14	3	41	30	40	0.375	94	15	2.621	BK,WE,GN	YW
565075	14	3	41	30	40	0.379	88	15	2.621	BK,WE,GN	GY
564552	14	3	41	30	40	0.379	88	15	2.621	BK,WE,GN	BK
564701	12	3	65	30	45	0.445	126	20	1.652	BK,WE,GN	BK
566037	10	3	105	45	60	0.596	237	25	1.04	BK,WE,GN	BK

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 2023 National Electrical Code and CEC Table 12.
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
563135	18	3	16	0.76	1.02	8.00	85	7	21.85	BK,WE,GN	BK
565924	16	3	26	0.76	1.02	8.76	103	10	13.72	BK,WE,GN	BK
564713	14	3	41	0.76	0.76	9.52	138	15	8.60	BK,WE,GN	BK
653041	14	3	41	0.76	1.02	9.52	140	15	8.60	BK,WE,GN	YW
565075	14	3	41	0.76	1.02	9.63	131	15	8.60	BK,WE,GN	GY
564552	14	3	41	0.76	1.02	9.63	131	15	8.60	BK,WE,GN	BK
564701	12	3	65	0.76	1.14	11.30	188	20	5.42	BK,WE,GN	BK
566037	10	3	105	1.14	1.52	15.14	353	25	3.41	BK,WE,GN	BK

* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.

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Filler and Binder

Stock Number	Size (AWG)	Conductor Number	Filler/Binder
563135	18	3	NF/NB
565924	16	3	Paper/Paper
564713	14	3	NF/NB
653041	14	3	NF/NB
565075	14	3	Paper/Paper
564552	14	3	Paper/Paper
564701	12	3	Paper/Paper
566037	10	3	NF/Paper

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