# 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.

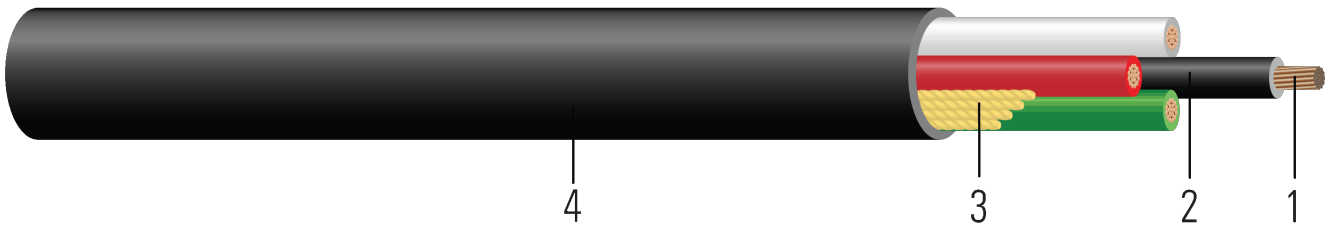


Image not to scale. See Table 1 for dimensions.

## 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 | | |
| 653041 | 14 | 3 | 41 | 30 | 40 | 0.375 | 94 | 15 | 2.621 | BK,WE,GN | YW |

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 | | |
| 653041 | 14 | 3 | 41 | 0.76 | 1.02 | 9.52 | 140 | 15 | 8.60 | BK,WE,GN | YW |

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

## 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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