

# 18/3 Type SJTOW

SJTOW cable, rated at 300 volts, has excellent oil resistant and weather resistant characteristics. Generally used in flexible power cords, it is designed for equipment used where industrial and wet environments are present.

**Design Number** 10027  
**Part Number** Table 1  
**Customer Number** N/A

## CONSTRUCTION

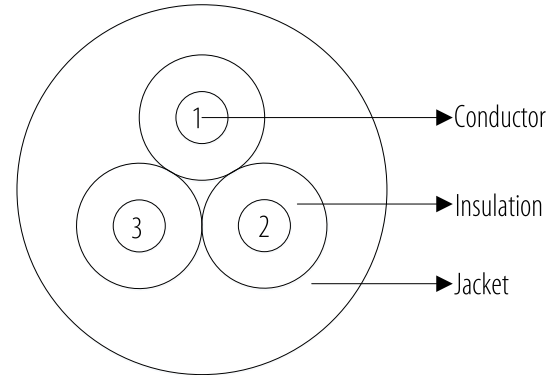
**Conductor:** Stranded bare copper  
**Conductor Size:** 18AWG(41/34)  
**Insulation:** Polyvinyl chloride (PVC)  
**Insulation Avg. Thickness:** 0.030"(Nom.)  
**Insulation Diameter:** 0.106"(Nom.)  
**Jacket Material:** Polyvinyl chloride (PVC)  
**Jacket Avg. Thickness:** 0.030"(Nom.)  
**Overall Diameter:** 0.307"(Nom.)  
**Jacket Color:** A variety of jacket colors available

### Print Legend:

E486041 IH (UL) SJTOW VW-1 105°C 300V 3/C 18AWG(0.823 mm<sup>2</sup>) Oil Resistant  
 c(UL) SJTOW FT2 105°C 300V 3/C 18 AWG (0.823 mm<sup>2</sup>)

**Table 1**

| Part Number     | Jacket Color |
|-----------------|--------------|
| 32096703        | White        |
| SJT18030-0/105C | Black        |



**Color Code:** 1. Black 2. White 3. Green

## ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 105°C  
**Operating Voltage:** 300V  
**Conductor Resistance @ 25°C:** 22.8 Ω/km Max  
**Flame Test :** UL VW-1 and CSA FT2

## SAFETY CHARACTERISTICS

**RoHS Compliance:** European Directive 2015/863/EU  
**Approvals:** UL, the basic standard is UL 62 "Flexible Cords and Cables"  
 c(UL) approved to meet CSA standard C22.2, flexible cords

**Application:** Portable power tools, light duty motors, lighting, and temporary electric power

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| Revision History |                   |                                     |
|------------------|-------------------|-------------------------------------|
| 00               | 2019/04/22        | Initial release                     |
| 01               | 2019/10/09        | Update UL file number               |
|                  |                   | Update the OD from 0.295" to 0.307" |
| Created L. Jian  | Approved A. Huang |                                     |

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