

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

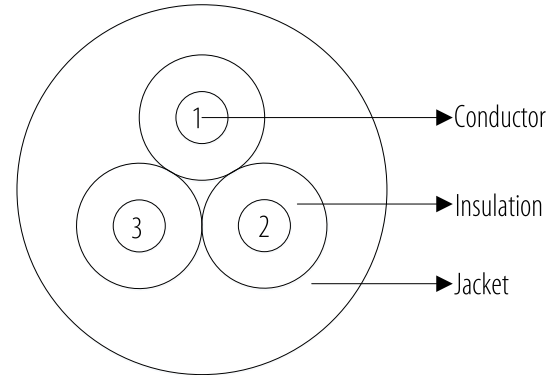
Conductor: Stranded bare copper
Conductor Size: 18AWG(41/34)
Insulation: Polyvinyl chloride (PVC)
Insulation Avg. Thickness: 0.030"(Nom.)
Insulation Diameter: 0.110"(Nom.)
Jacket Material: Polyvinyl chloride (PVC)
Jacket Avg. Thickness: 0.030"(Nom.)
Overall Diameter: 0.311"(Nom.)
Jacket Color: A variety of jacket colors available

Print Legend:

E486041 ** (UL) SJTOW VW-1 105°C 300V 3/C 0.823 mm² (AWG 18) OIL RESISTANT
c(UL) SJTOW FT2 105°C 300V 3/C 18 AWG (0.823 mm²)
Note: ** = Factory Code

Table 1

Part Number	Jacket Color
32096703	White
SJT18030W-0/105CNF	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"
02	2020/09/10	Update insulation and jacket OD
03	2021/09/28	Add P/N "SJT18030W-0/105CNF"
Created	L. Jian	Approved A. Huang

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