

SJTOW

105°C PVC Cord. 300 Volts. Flexible Copper Conductors. PVC Insulation and Jacket. Rated for Hard-Usage Service Cords. Rated UL VW-1 and CSA FT1, FT2 Flame



Image not to scale & for reference only. See Table 1 for Dimensions

CONSTRUCTION:

Conductor Class K, Flexible bunch stranded bare copper per ASTM B3 and B174

Insulation: Polyvinyl Chloride (PVC). Colors: Black, White, Green, Red, Blue, Orange

Assembly: The insulated conductors are cabled together with fillers. A tissue paper is helically applied over the assembly to facilitate overall jacket removal.

Jacket: Black, PVC

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 power.

SPECIFICATIONS:

- ASTM B3, B174
- UL 62 - Type SJTOW
- CSA C22.2 No. 49 - Type SJTOW

SAMPLE PRINT LEGEND: (Indent)

(UL) VW-1 E46194 SJTOW 6/C 18 AWG (0.824mm²) 105C DRY 60C WATER RESISTANT 300V CSA FT1,FT2 LL90458

TABLE 1 - WEIGHTS & MEASUREMENTS

| Stock Code | Cond. Size (AWG) | No. of Cond. | No. of Strands | Insulation Thickness (mils) | Jacket Thickness (mils) | Nominal OD (mils) | Nominal Weight (Lbs/Mft) |
|------------|------------------|--------------|----------------|-----------------------------|-------------------------|-------------------|--------------------------|
| 678498 | 18 | 6 | 16 | 32 | 37 | 400 | 98 |

All dimensions are nominal and subject to normal manufacturing tolerances

