





18-16 CU 3/C BLACK/WHITE/GREEN SJTOW **BLACK 105C 300V N/F**

Specifications

- * ASTM B3: Standard Specification for Soft or Annealed Copper Wire
- * ASTM B174: Standard Specification for Bunch-Stranded Copper
- * UL 62: Flexible Cords and Cables
- * CSA C22.2 No. 49: Flexible Cords and Cables



Cable image is for reference only and does not depict actual cable construction

Construction

- Conductor: Class K, Flexible stranded bare copper per ASTM B3 and B174
- Insulation: Heat and moisture resistant colored PVC
- Core wrap: Tissue paper
- Jacket: White Sunlight, Heat, Moisture, and Oil Resistant PVC

Applications and Features

Southwire Type SJTOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2023 National Electric Code. Some typical applications for Type SJTOW include, but are not limited to: Washing Machines and other large appliances, heavy-duty tools, motors and temporary electrical power and lighting installations for construction sites.

Print Legend

(UL) VW-1 E46194 MASTER-DESIGN SJTOW 3/C 18 AWG (0.824mm2) 105(D)C DRY 60(D)C WATER RESISTANT 300V (CSA) FT1,FT2 LL90458 MASTER-DESIGN

Stock Code	Conductor Size	Conductor Strands	Conductor Number	Insulation Thickness	Jacket Thickness	Approx. Overall OD	Approx. Weight	Ampacity @ 30°C Ambient
-	AWG	Strands	Num	mils	mils	inches	lbs./1,000'	amps
563135	18	16	3	32	40	0.315	57	10

* Dimensions are nominal and subject to normal manufacturing tolerances ' Sample print legend, actual may vary

Table 400.5(A)(1) Ampacity for flexible cords and flexible cables based on ambient temp of 30°C (86°F)

Cust. Spec Approval: _____

Drn/Chk By:	TJ	Req By:	JN	1/10/2024
Ticket #:	64158	Drw #:	TJ13319	Rev: 0

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