# 300V ROYAL® SJOOW Cord with Black Jacket 90°C.

300 Volt, 90°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Sunlight, Heat, Moisture and Oil Resistant Flexible CPE Jacket

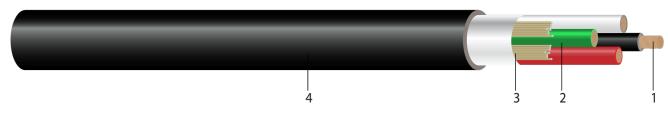


Image not to scale. See Table 1 for dimensions.

#### **CONSTRUCTION:**

- 1. **Conductor:** Class K stranded bare copper per ASTM B-174
- 2. Insulation: Heat, moisture and oil resistant EPDM
- 3. Filler: Waxed paper fillers, with a tissue-paper separator wrapped around the assembly
- 4. Jacket: Black Sunlight, Heat, Moisture and Oil Resistant Flexible CPE (Other colors available upon request)

#### **APPLICATIONS AND FEATURES:**

Southwire Type SJ00W Flexible Cords UL/ CSA listed are permitted for use as specified by Article 400 and related articles of the 2014 National Electrical Code. The cable is rated -40°C to 90°C, water, oil, and weather resistant, designed for hard usage on industrial equipment, heavy tools, battery chargers, portable lights welding leads, marine dockside power, power extensions and mining applications.

#### **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
- NEC Article 501.140 Class I Division 2
- Federal Specification J-C-580B

#### **SAMPLE PRINT LEGEND:**

SOUTHWIRE® ROYAL® CORD XX/C XX AWG (XXmm2) SJOOW E46194 (UL) 300V -40C TO 90C -- CSA LL90458 SJOOW 300V -40C TO 90C FT2 WATER RESISTANT

### **PACKAGING:**

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.









## **Table 1 – Weights and Measurements**

Stock Number	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	Insul. Color	Jacket Color
		AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp		
558378	823229	10	2	104	45	70	0.555	174	30	BK,WE	BK

All dimensions are nominal and subject to normal manufacturing tolerances

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	CCI Part #	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	Insul. Color	Jacket Color
		AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp		
558378	823229	10	2	104	1.14	1.78	14.10	259	30	BK,WE	BK

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







<sup>♦</sup> Cable marked with this symbol is a standard stock item

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

<sup>\*\*</sup> Not a Federal and Military Specification JC-580B

<sup>\*\*\*</sup>No Fillers or Separator