

CABLE DESCRIPTION:

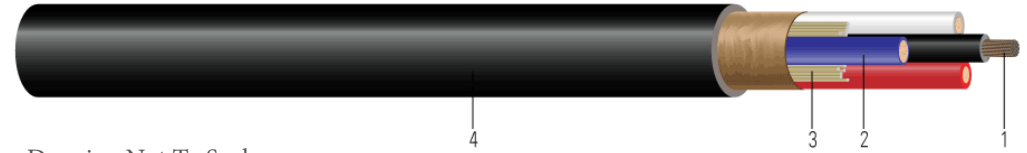
300V SJOOW Royal Cord Control with Black Jacket 90°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation, Heat, Moisture and Oil Resistant Flexible CPE Jacket

STANDARDS:

- UL 62 Flexible Cords and Cables
- CSA C22.2 No. 49 Flexible Cords and Cables
- MSHA flame test - P07-KA070018-1MSHA
- Passes CSA FT2 Flame Test
- RoHS-2 (European Directive 2011/65/EU)
- NEC Article 400 Flexible Cords, Cables and Fixture Wire
- NEC Article 501.140 Class I Division 2
- Federal Specification J-C-580B

APPLICATIONS:

Southwire Type SJOOW 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.



Drawing Not To Scale

- 1) Conductor: 65 stranded bare copper
- 2) Insulation: Heat, moisture and oil resistant EPDM. Colors: Black, White Red
- 3) Filler: paper
- 4) Binder: white binder
- 5) Jacket: Black Chlorinated polyethylene CPE

{SOUTHWIRE{R} ROYAL{R} CORD 4/C 18 AWG (0.824{mm2}) SJOOW E46194 MASTER-DESIGN {UL} 300V -40{D}C TO 90{D}C -- {CSA} LL90458 SJOOW 300V -40{D}C TO 90{D}C FT2 WATER RESISTANT {NOM}-ANCE -- {MSHA}

Stock Code	Conductor Size (strand)	Number of Phase Conductors	Insulation Thickness EPDM (2)	Outer Jacket Thickness	Approximate OD (5)	Weight	DC Resistance	Ampacity
	AWG		mils	mils	inches	Lbs./1000Ft.	Ω/MFT	amps
571510	#18 (41)	4	30	30	0.330	65	6.59	7

All measurements are subject to nominal manufacturing tolerances.

* Ampacities are based on TABLE 400.5(A) of the 2014 National Electrical Code and CEC Table 12.

Drawn By: S.S.	Approved By: S.S.	Requested By: D.H.
Customer:	Drawing #: SS16158	Date: 02/19/2020