

ROYAL® SJOOW CORD

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

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.

SPECIFICATIONS

- UL 62
- CSA Standard 22.2 No. 49
- NEC 400
- NEC 501.140 Class I Division 2
- Passes CSA FT2 Flame Test
- MSHA
- Federal and Military Specification JC-580B
- RoHS-2 (European Directive 2011/65/EU)

CONSTRUCTION

1. Conductors: Class K stranded bare copper per ASTM B-174
2. Insulation: EPDM
3. Jacket: Black CPE (Other colors available upon request)

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

SAMPLE INDENT LEGEND

P-07-KA070018-1-MSHA

PACKAGING

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



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TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	CCI Part Number	Cond. Size AWG	No. of Cond.	No. of Strands	Insulation Thickness (Inchs)	Insulation Thickness (mm)	Nominal OD (Inchs)	Nominal OD (mm)	Nominal Weight (Lbs/Mft)	Nominal Weight (kg/km)
558116	823225	18	2	16/30	0.03	0.76	0.29	7.24	37	55
558117	823325	18	3	16/30	0.03	0.76	0.31	7.87	49	73
558120	823425	18	4	16/30	0.03	0.76	0.33	8.38	59	88
558118	823226	16	2	26/30	0.03	0.76	0.31	7.87	46	68
558085	823326	16	3	26/30	0.03	0.76	0.33	8.38	59	88
558119	823426	16	4	26/30	0.03	0.76	0.36	9.07	73	109
558121	823227	14	2	41/30	0.03	0.76	0.34	8.64	60	89
558086	823327	14	3	41/30	0.03	0.76	0.37	9.27	79	118
558123	823427	14	4	41/30	0.03	0.76	0.40	10.03	98	146
560015	823228	12*	2	65/30	0.03	0.76	0.41	10.41	90	134
558087	823328	12*	3	65/30	0.03	0.76	0.43	10.92	116	173
558124	823428	12*	4	65/30	0.03	0.76	0.47	11.94	150	223
558378	823229	10*	2	104/30	0.05	1.14	0.55	13.84	155	231
558125	823329	10*	3	104/30	0.05	1.14	0.57	14.45	200	298
558126	823429	10*	4	104/30	0.05	1.14	0.64	16.13	257	382

TABLE 2 - ELECTRICAL AND ENGINEERING DATA

Stock Code	CCI Part Number	† Amps	Nom. DCR Ω/1M'	UL 62 O.D. Range	Color Code
558116	823225	10	6.59	0.280" - 0.315"	Black, White
558117	823325	10	6.59	0.300" - 0.335"	Black, White, Green
558120	823425	7	6.59	0.325" - 0.365"	Black, White, Red, Green
558118	823226	13	4.05	0.305" - 0.340"	Black, White
558085	823326	13	4.05	0.325" - 0.360"	Black, White, Green
558119	823426	10	4.05	0.350" - 0.395"	Black, White, Red, Green
558121	823227	18	2.55	0.335" - 0.375"	Black, White
558086	823327	18	2.55	0.360" - 0.395"	Black, White, Green
558123	823427	15	2.55	0.390" - 0.435"	Black, White, Red, Green
560015	823228	25	1.61	0.405" - 0.455"	Black, White
558087	823328	25	1.61	0.425" - 0.475"	Black, White, Green
558124	823428	20	1.61	0.465" - 0.520"	Black, White, Red, Green
558378	823229	30	0.98	0.540" - 0.605"	Black, White
558125	823329	30	0.98	0.565" - 0.635"	Black, White, Green
558126	823429	25	0.98	0.625" - 0.700"	Black, White, Red, Green

All dimensions are nominal and subject to nominal manufacturing tolerances

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

* Not a Federal and Military Specification JC-580B

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