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

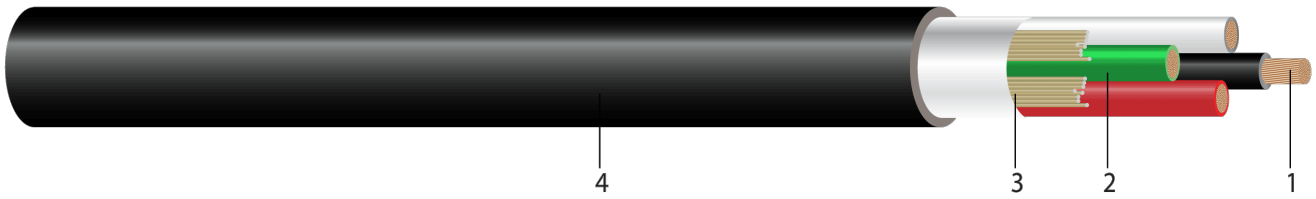

Image not to scale. See Table 1 for dimensions.

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 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 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.

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UPDATED: March 31, 2025, 12:34 a.m.UTC REVISION: 1.000.002

Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mil	mil	inch	lb/1000ft	Amp	Ω/1000ft		
557961	18	2	41	30	40	0.29	46	10	6.659	BK,WE	BK
558116	18	2	16	30	40	0.288	51	10	6.659	BK,WE	BK
558117	18	3	16	30	40	0.31	61	7	6.659	BK,WE,GN	BK
558120	18	4	16	30	40	0.333	69	6	6.659	BK,WE,RD,GN	BK
558118	16	2	26	30	40	0.313	58	13	4.181	BK,WE	BK
560254	16	2	65	30	40	0.325	66	13	4.181	BK,WE	BK
558085	16	3	26	30	40	0.335	72	10	4.181	BK,WE,GN	BK
558119	16	4	26	30	35	0.36	84	8	4.181	BK,WE,RD,GN	BK
558121	14	2	41	30	40	0.343	73	18	2.621	BK,WE	BK
558086	14	3	41	30	45	0.373	98	15	2.621	BK,WE,GN	BK
558123	14	4	41	30	40	0.4	121	12	2.621	BK,WE,RD,GN	BK
560015	12	2	65	30	60	0.43	114	25	1.652	BK,WE	BK
558087	12	3	65	30	60	0.45	145	20	1.652	BK,WE,GN	BK
558124	12	4	65	30	50	0.498	179	16	1.652	BK,WE,RD,GN	BK
558378	10	2	104	45	70	0.558	182	30	1.04	BK,WE	BK
558125	10	3	104	45	75	0.574	234	25	1.04	BK,WE,GN	BK
558126	10	4	104	45	70	0.63	290	20	1.04	BK,WE,RD,GN	BK

All dimensions are nominal and subject to normal manufacturing tolerances
◊ Cable marked with this symbol is a standard stock item
* Ampacities are based on TABLE 400.5(A)(1) of the 2023 National Electrical Code and CEC Table 12.
** Not a Federal and Military Specification JC-580B
***No Fillers or Separator
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.

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Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Jacket Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance	Insul. Color	Jacket Color
	AWG/ Kcmil	No.	No.	mm	mm	mm	kg/km	Amp	Ω/km		
557961	18	2	41	0.76	1.02	7.37	68	10	21.85	BK,WE	BK
558116	18	2	16	0.76	1.02	7.32	76	10	21.85	BK,WE	BK
558117	18	3	16	0.76	1.02	7.87	91	7	21.85	BK,WE,GN	BK
558120	18	4	16	0.76	1.02	8.46	103	6	21.85	BK,WE,RD,GN	BK
558118	16	2	26	0.76	1.02	7.95	86	13	13.72	BK,WE	BK
560254	16	2	65	0.76	1.02	8.25	98	13	13.72	BK,WE	BK
558085	16	3	26	0.76	1.02	8.51	107	10	13.72	BK,WE,GN	BK
558119	16	4	26	0.76	0.89	9.14	125	8	13.72	BK,WE,RD,GN	BK
558121	14	2	41	0.76	1.02	8.71	109	18	8.60	BK,WE	BK
558086	14	3	41	0.76	1.14	9.47	146	15	8.60	BK,WE,GN	BK
558123	14	4	41	0.76	1.02	10.16	180	12	8.60	BK,WE,RD,GN	BK
560015	12	2	65	0.76	1.52	10.92	170	25	5.42	BK,WE	BK
558087	12	3	65	0.76	1.52	11.43	216	20	5.42	BK,WE,GN	BK
558124	12	4	65	0.76	1.27	12.65	266	16	5.42	BK,WE,RD,GN	BK
558378	10	2	104	1.14	1.78	14.17	271	30	3.41	BK,WE	BK
558125	10	3	104	1.14	1.91	14.58	348	25	3.41	BK,WE,GN	BK
558126	10	4	104	1.14	1.78	16.00	432	20	3.41	BK,WE,RD,GN	BK

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

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