

300V AMERICAN MUSTANG® SJOOW Cord with Yellow Jacket 105°C

300V, 105°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Heat, Moisture and Oil Resistant Flexible CPE Jacket, UL/CSA Listed.

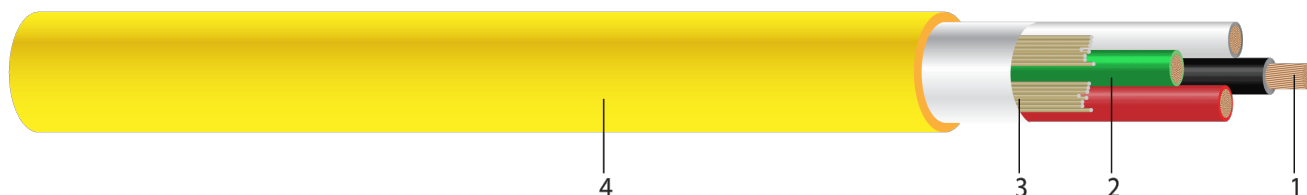


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Class K stranded bare copper per ASTM B-174
2. **Insulation:** Heat, moisture and oil resistant EPDM
3. **Filler:** Rubber fillers, with a tissue-paper separator wrapped around the assembly
4. **Jacket:** Yellow 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 105°C, water, oil, and weather resistant. Southwire Type SJOOW Flexible Cords are designed for extra 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
- 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

SAMPLE PRINT LEGEND:

SOUTHWIRE® American Mustang® CORD X/C XX AWG (XXmm²) SJOOW E46194 (UL) 300V - 40C TO 105C -- CSA LL90458 SJOOW 300V -40C TO 105C FT2 WATER RESISTANT

PACKAGING:

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



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Table 1 – Weights and Measurements

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance
	AWG/Kcmil	Count	# x AWG	mil	inch	lb/1000ft	Amp	Ω/1000ft
TBA	18	2	16/30	30	0.29	46	10	6.59
630728	18	3	16/30	30	0.31	60	10	6.59
598778	18	4	16/30	30	0.33	73	7	6.59
TBA	16	2	26/30	30	0.31	55	13	4.05
571581	16	3	26/30	30	0.33	74	13	4.05
TBA	16	4	26/30	30	0.36	85	10	4.05
677152	14***	2	41/30	30	0.34	75	18	2.55
596811	14	3	41/30	30	0.37	100	18	2.55
558188	14	4	41/30	30	0.4	119	15	2.55
TBA	12**	2	65/30	30	0.41	108	25	1.61
598340	12**	3	65/30	30	0.43	150	25	1.61
TBA	12**	4	65/30	30	0.48	176	20	1.61
TBA	10**	3	104/30	50	0.57	244	30	0.98
TBA	10**	2	104/30	50	0.62	226	30	0.98
TBA	10**	4	104/30	50	0.64	302	25	0.98

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) of the 2014 National Electrical Code and CEC Table 12.

** Not a Federal and Military Specification JC-580B

*** Stock number: 677152 no paper fillers with Black jacket

Table 2 – Weights and Measurements (Metric)

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Insul. Thickness	Approx. OD	Approx. Weight	Ampacity *	DC Resistance
	AWG/Kcmil	Count	# x AWG	mm	mm	kg/km	Amp	Ω/km
TBA	18	2	16/30	0.76	7.37	68	10	21.62
630728	18	3	16/30	0.76	7.87	89	10	21.62
598778	18	4	16/30	0.76	8.38	109	7	21.62
TBA	16	2	26/30	0.76	7.87	82	13	13.29
571581	16	3	26/30	0.76	8.38	110	13	13.29
TBA	16	4	26/30	0.76	9.14	126	10	13.29
677152	14***	2	41/30	0.76	8.64	112	18	8.37
596811	14	3	41/30	0.76	9.40	149	18	8.37
558188	14	4	41/30	0.76	10.16	177	15	8.37
TBA	12**	2	65/30	0.76	10.41	161	25	5.28
598340	12**	3	65/30	0.76	10.92	223	25	5.28
TBA	12**	4	65/30	0.76	12.19	262	20	5.28
TBA	10**	3	104/30	1.27	14.48	363	30	3.22
TBA	10**	2	104/30	1.27	15.75	336	30	3.22
TBA	10**	4	104/30	1.27	16.26	449	25	3.22



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Color Code

# of Conductor	Color Sequence
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green



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