



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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SJTW

Construction Parameters:

CONDUCTORS: 18 AWG - 10 AWG Class K stranded bare copper per ASTM B-174
INSULATION MATERIAL: PVC
INSULATION COLORS: Black White (2 conductor), Black White Green (3 conductor)
JACKET MATERIAL: PVC
JACKET COLOR: Orange, yellow or black (Other colors available upon request)
INDENT LEGEND: XX AWG (X.XX mm²) X/C SJTW E54864 (UL) 300V -40C TO 75C -- CSA LL39753 SJTW 300V
-40C TO 60C FT2 WATER-RESISTANT -- MEETS OSHA HARD USAGE REQUIREMENTS

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -40°C to 75°C
WATER RESISTANT: Yes

ELECTRICAL PROPERTIES:

VOLTAGE RATING.: 300V

Industry Approvals:

- o UL Standard 62
- o CSA Standard C22.2 No. 49
- o NEC Article 400
- o Federal Spec JC580
- o Passes CSA FT2 Flame Test
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Cable Type	AWG	No. Cond.	Jacket Color	Stranding	Insulation Wall, min.		O.D., nom.		Amps*	DCR, nom. Ω/1M', 20°C
						Inches	mm	Inches	mm		
20205	SJTW	18	2	Orange	16/30	0.030	0.76	0.272 **	6.91	10	6.70
20305	SJTW	18	3	Orange	16/30	0.030	0.76	0.289 **	7.34	10	6.70
20206	SJTW	16	2	Orange	26/30	0.030	0.76	0.310	7.87	13	4.22
20306	SJTW	16	3	Orange	26/30	0.030	0.76	0.316 **	8.03	13	4.22
20307	SJTW	14	3	Orange	41/30	0.030	0.76	0.352 **	8.94	18	2.66
20937	SJTW	14	3	Black	41/30	0.030	0.76	0.370	9.40	18	2.66
20308	SJTW	12	3	Orange	65/30	0.030	0.76	0.420 **	10.67	25	1.67
20938	SJTW	12	3	Black	65/30	0.030	0.76	0.430	10.92	25	1.67
20309	SJTW	10	3	Yellow	104/30	0.045	1.14	0.567	14.40	30	1.05

* Ampacity based on NEC Table 400.5(A)(1) and CEC Table 12, with two current carrying conductors.

** Small diameter cord. Not for general use.

This product complies with European Directive 2011/65/EU (RoHS-2)

The customer will accept all factory lengths and +/- 10 percent of total order requested.

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