



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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Suprene[®] 300V SJEOOW

Construction Parameters:

CONDUCTOR: 18 AWG - 10 AWG Class K stranded bare copper per ASTM B-174
INSULATION: TPE
JACKET: TPE
COLOR: Yellow (Other colors available upon request)
COLOR: *White

PRINT LEGEND: CCI SUPRENE 105 XX AWG (X.XX mm²) X/C SJEOOW E54864 (UL) 300V -60C TO 105C -- CSA LL39753
 SJTOOW (TPE) 300V -50C TO 105C FT2 WATER RESISTANT

INDENT LEGEND: P-241-3-MSHA

***INDENT LEGEND:** CCI SUPRENE 105 XX AWG (X.XX mm²) X/C SJEOOW E54864 (UL) 300V -60C TO 105C -- CSA LL39753
 SJTOOW (TPE) 300V -50C TO 105C FT2 WATER RESISTANT -- P-241-3-MSHA

Ink Jet Legend XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -60°C to 105°C
WATER RESISTANT: Yes
UV RESISTANT: Yes

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 300V rms, Max

Industry Approvals:

- o UL Standard 62
- o CSA Standard C22.2 No. 49
- o NEC Article 501.140 Class I Div. 2
- o NEC Article 400
- o Federal Spec JCS80
- o Passes CSA FT2 Flame Test
- o MSHA
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

Part Number	AWG	No. Cond.	Stranding	Insulation Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'
				Inches	mm	Inches	mm	Lb./ft.	kg/km		
23245	18	2	16/30	0.030	0.76	0.285	7.24	37	55	10	6.59
23345	18	3	16/30	0.030	0.76	0.308	7.82	48	71	10	6.59
23445	18	4	16/30	0.030	0.76	0.328	8.33	63	94	7	6.59
23246	16	2	26/30	0.030	0.76	0.310	7.87	46	68	13	6.59
23346	16	3	26/30	0.030	0.76	0.328	8.33	59	88	13	4.05
23446	16	4	26/30	0.030	0.76	0.353	8.97	74	110	10	4.05
23247	14	2	41/30	0.030	0.76	0.340	8.64	61	91	18	2.55
23347	14	3	41/30	0.030	0.76	0.363	9.22	80	119	18	2.55
23447	14	4	41/30	0.030	0.76	0.393	9.98	96	143	15	2.55
23248	12	2	65/30	0.030	0.76	0.410	10.41	90	134	25	1.61
23348	12	3	65/30	0.030	0.76	0.428	10.87	116	173	25	1.61
23448	12	4	65/30	0.030	0.76	0.468	11.89	150	223	20	1.61
23249	10	2	104/30	0.045	1.14	0.545	13.84	155	231	30	0.98
23349	10	3	104/30	0.045	1.14	0.573	14.55	199	296	30	0.98
23449	10	4	104/30	0.045	1.14	0.628	15.95	257	382	25	0.98

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A) and CEC Table 12.

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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