

SJEOOW +105C,-50C 300V

Applications : For use as hard usage water and oil resistant portable cord, indoors or outdoors, in dry, damp, or wet locations. Suitable for use in harsh environments.

Conductors : 18 AWG to 10 AWG bare copper.

Insulation : Thermoplastic Elastomer (TPE)

Voltage Rating : 300V

Temperature Rating : -50°C* to 105°C**

Flame Rating : VW-1

Standards : CSA C22.2 No. 49, UL 62

Gauge AWG	Strands Number	Conductors Number	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Cable Diameter		30C Ambient Ampacity
			mm	in.	mm	in.	mm	in.	
18	16	2	0.76	0.030	0.76	0.030	7.37	0.290	10
18	16	3	0.76	0.030	0.76	0.030	7.87	0.310	10
18	16	4	0.76	0.030	0.76	0.030	8.59	0.338	7
16	26	2	0.76	0.030	0.76	0.030	8.05	0.317	13
16	26	3	0.76	0.030	0.76	0.030	8.51	0.335	13
16	26	4	0.76	0.030	0.76	0.030	9.32	0.367	10
14	41	2	0.76	0.030	0.76	0.030	8.84	0.348	18
14	41	3	0.76	0.030	0.76	0.030	9.40	0.370	18
14	41	4	0.76	0.030	0.76	0.030	10.26	0.404	15
12	65	2	0.76	0.030	1.14	0.045	10.67	0.420	25
12	65	3	0.76	0.030	1.14	0.045	11.30	0.445	25
12	65	4	0.76	0.030	1.14	0.045	12.32	0.485	20
10	104	2	1.14	0.045	1.52	0.060	14.27	0.562	30
10	104	3	1.14	0.045	1.52	0.060	15.09	0.594	30
10	104	4	1.14	0.045	1.52	0.060	16.48	0.649	25

* The -50°C low temperature rating indicates that the cables have passed a cold bend test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least -15°C before installation.

** When exposed to oil or solvents, the maximum temperature rating is 60°C.

Notes: Standard construction is no fillers with talc and paper separator between cabled core and jacket; fibrillated Poly fillers, talc only or paper only separator options are available. Subordinate product designations SJE, SJEW, and SJEOOW are available. All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice. CSA type designation is "SJTOOW (TPE)".