

SEOOW +105C,-50C 600V

Applications : For use as extra 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 6 AWG bare copper.

Insulation : Thermoplastic Elastomer (TPE)

Voltage Rating : 600V

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	1.52	0.060	8.99	0.354	10
18	16	3	0.76	0.030	1.52	0.060	9.42	0.371	10
18	16	4	0.76	0.030	1.52	0.060	10.13	0.399	7
16	26	2	0.76	0.030	1.52	0.060	9.60	0.378	13
16	26	3	0.76	0.030	1.52	0.060	10.03	0.395	13
16	26	4	0.76	0.030	1.52	0.060	10.67	0.420	10
14	41	2	1.14	0.045	2.03	0.080	13.00	0.512	18
14	41	3	1.14	0.045	2.03	0.080	13.67	0.538	18
14	41	4	1.14	0.045	2.03	0.080	14.73	0.580	15
12	65	2	1.14	0.045	2.41	0.095	14.73	0.580	25
12	65	3	1.14	0.045	2.41	0.095	15.47	0.609	25
12	65	4	1.14	0.045	2.41	0.095	16.74	0.659	20
10	104	2	1.14	0.045	2.41	0.095	16.05	0.632	30
10	104	3	1.14	0.045	2.41	0.095	16.89	0.665	30
10	104	4	1.14	0.045	2.74	0.108	18.92	0.745	25
8	165	2	1.52	0.060	2.79	0.110	19.96	0.786	40
8	165	3	1.52	0.060	2.79	0.110	21.08	0.830	40
8	165	4	1.52	0.060	3.18	0.125	23.65	0.931	35
6	165	2	1.52	0.060	3.18	0.125	24.08	0.948	55
6	165	3	1.52	0.060	3.18	0.125	25.40	1.000	55
6	165	4	1.52	0.060	3.56	0.140	28.45	1.120	45

* 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 SE, SEW, and SEOW are available. All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice. CSA type designation is "STOOW (TPE)".