

Control Cable -40°C + 90°C UL CSA MSHA Extra Hard Usage - High Grade Mechanical Service



SPECIFICATIONS & STANDARDS

UL 62/CSA-C 22.2 No 49

CONSTRUCTION:

- Conductors:** Flexible stranded bare copper, ASTM B-174 and UL 62
- Insulation:** EPR compound, 90°C + class 3, table 8, UL 62
- Assembly:** Insulated conductors cabled together
- Separator:** Paper tape or talc for 18-10 AWG
- Jacket:** Black CPE compound class, 90°C + class 1.4, table 11, UL 62 integral fill
- Color code:** ICEA S-58-679, Method 1, table 1

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water - Flame test meets VW-1, FT2, and MSHA - Temperature range: -40°C to +90°C - Suitable for shallow water immersion 	<ul style="list-style-type: none"> - Industrial and processing equipment, cranes and hoists, track systems, tools, construction equipment, motors and associated machinery, garage portable lights, battery charger and equipment exposed to oils, solvents, flame, moisture and other electrical equipment

APPROVALS:

- UL:** E123366
- CSA:** 1534535 (LL 103932)
- MSHA:** P-7K-254013

Part Number	Power Conductor Size	No. of Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight lbs/1000 ft	Ampacity (1) 30°C Ambient Temp.				
	AWG		No. of Stranding	inches	mm	inches	mm	inches	mm		A				
SOOW12-5	12	5	65 / 30	0.045	1.14	0.095	2.41	0.70	17.8	319	16.0				
SOOW12-6		6				0.095	2.41	0.74	18.8	344	16.0				
SOOW12-7		7				0.095	2.41	0.74	18.8	358	16.0				
SOOW12-8		8				0.095	2.41	0.80	20.2	408	14.0				
SOOW12-9		9				0.095	2.41	0.92	23.5	461	14.0				
SOOW12-10		10				0.110	2.79	0.95	24.2	519	14.0				
SOOW12-12		12				0.110	2.79	0.98	24.9	591	10.0				
SOOW12-14		14				0.110	2.79	1.03	26.1	668	10.0				
SOOW12-16		16				0.110	2.79	1.08	27.5	755	10.0				
SOOW12-20		20				0.125	3.18	1.22	31.0	971	10.0				
SOOW12-24		24				0.125	3.18	1.35	34.3	1106	9.0				
SOOW12-26		26				0.125	3.18	1.38	35.0	1180	9.0				
SOOW12-30		30				0.125	3.18	1.43	36.3	1327	9.0				
SOOW12-37		37				0.125	3.18	1.53	39.0	1588	8.0				
SOOW12-44		44				0.125	3.18	1.72	43.6	1868	7.0				
SOOW12-60		60				0.125	3.18	1.90	48.3	2467	7.0				
SOOW10-5		10				5	103 / 30	0.045	1.14	0.095	2.41	0.76	19.3	409	20.0
SOOW10-6						6				0.095	2.41	0.82	20.7	452	20.0
SOOW10-7	7		0.095	2.41	0.82	20.7				474	20.0				
SOOW10-8	8		0.095	2.41	0.88	22.3				541	17.5				
SOOW10-10	10		0.110	2.79	1.05	26.8				686	17.5				
SOOW10-12	12		0.110	2.79	1.09	27.6				788	12.5				
SOOW10-16	16		0.125	3.18	1.23	31.2				1053	12.5				
SOOW10-20	20		0.125	3.18	1.35	34.4				1304	12.5				
SOOW10-26	26		0.125	3.18	1.54	39.0				1598	11.3				
SOOW10-30	30		0.125	3.18	1.59	40.4				1803	11.3				
SOOW10-40	40		0.141	3.58	1.87	47.4				2464	10.0				

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

STANDARD PRINT LEGEND:

TF CABLE CONTROLFLEX (COND) (SIZE) (mm²) (UL) TYPE SOOW E123366 90C SUN
& WATER RES 600V CSA TYPE SOOW 90C LL 103932 FT2 -40C P-7K-254013 MSHA

SPECIAL FACTORY OPTIONS:

- Color jacket:** Yellow, orange
- SOOW/H07:** European harmonized dual rating