

Portable Cord -50°C +105°C UL CSA Extra Hard Usage - High Grade Mechanical Service



SPECIFICATIONS & STANDARDS

UL 62/CSA-C 22.2 No 49

CONSTRUCTION:

- Conductors:** Stranded annealed bare copper, ASTM B-174 and UL 62
- Insulation:** EPR 105°C compound class 19, table 8, UL 62
- Assembly:** Insulated conductors cabled together
- Separator:** Paper tape or talc for 18-10 AWG
- Jacket:** Yellow CPE 105°C compound class 1.12, table 11, UL 62
- Color code:** ICEA S-58-679, Method 1, table 1; 3/c - black, white, green; 4/c - black, white, red, green

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Excellent flexibility in cold temperatures, resistance to oils, acids, chemicals, solvents, ozone, weather and water - Flame test meets VW-1, FT2, MSHA - Temperature range: -50°C to +105°C - For Indoor and outdoor use 	<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

COLOR CODE:

- 2/C black, white 4/C black, white, red, green
- 3/C black, white, green 5/C black, white, red, green, orange

MULTICORE CABLES:

Number of core:	Color	Tracer	Number of core:	Color	Tracer	Number of core:	Color	Tracer
1	black	-	8	red	black	15	blue	white
2	white	-	9	green	black	16	black	red
3	red	-	10	orange	black	17	white	red
4	green	-	11	blue	black	18	orange	red
5	orange	-	12	black	white	19	blue	red
6	blue	-	13	red	white	20	red	green
7	white	black	14	green	white	21	orange	green

Standard length cable packing: 1000 ft reels; Other forms of packaging available

APPROVALS:

- UL:** E123366
- CSA:** 1534535 (LL 103932)

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. A
	AWG		No. of Stranding	inches	mm	inches	mm	inches	mm		
SOOW18-3 IF-105C-YEL	18	3	16 / 30	0.030	0.76	0.060	1.52	0.36	9.1	74	10.0
SOOW18-4 IF-105C-YEL		4						0.39	9.8	87	7.0
SOOW16-3 IF-105C-YEL	16	3	26 / 30	0.030	0.76	0.060	1.52	0.39	10.1	90	13.0
SOOW16-4 IF-105C-YEL		4						0.42	10.5	107	10.0
SOOW14-3 IF-105C-YEL	14	3	41 / 30	0.045	1.14	0.080	2.03	0.52	13.3	161	18.0
SOOW14-4 IF-105C-YEL		4						0.57	14.4	192	15.0
SOOW12-3 IF-105C-YEL	12	3	65 / 30	0.045	1.14	0.095	2.41	0.59	15.2	217	25.0
SOOW12-4 IF-105C-YEL		4						0.64	16.5	261	20.0
SOOW10-3 IF-105C-YEL	10	3	103 / 30	0.045	1.14	0.095	2.41	0.65	16.5	281	30.0
SOOW10-4 IF-105C-YEL		4						0.70	17.8	336	25.0

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

STANDARD PRINT LEGEND:

TF CABLE SUPER FLEXTREME (COND) (SIZE) (mm²) (UL) TYPE SOOW E123366 105C SUN & WATER RES 600V CSA SOOW 105C LL 103932 FT2 -50C