

Portable Cord -40°C +90°C UL CSA MSHA Hard Usage - Medium Grade Mechanical Service

SPECIFICATIONS & STANDARDS

UL 62, CSA-C 22.2 No 49



CONSTRUCTION:

Conductors:	Flexible strand bare copper, ASTM B-174 and UL 62
Insulation:	EPR 90°C compound class 3 table 8 UL 62
Assembly:	Insulated conductors cabled together: integral filled jacket
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, black, white, green

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water - Flame test: meets FT2, 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

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 (CPE)
CSA:	1534535 (LL 103932) (CPE)
MSHA:	P-7K-254013 (CPE)

SPECIAL FACTORY OPTIONS:

Color jacket: Yellow, Orange

Part Number	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		
SJOOW18-2 IF	18	2	16 / 30	0.030	0.76	0.030	0.76	0.28	7.2	42	10.0
SJOOW18-3 IF		3						0.30	7.7	52	10.0
SJOOW18-4 IF		4						0.33	8.4	63	7.0
SJOOW18-5 IF		5						0.36	9.4	78	5.6
SJOOW16-2 IF	16	2	26 / 30	0.030	0.76	0.030	0.76	0.31	7.9	53	13.0
SJOOW16-3 IF		3						0.33	8.4	66	13.0
SJOOW16-4 IF		4						0.36	9.1	83	10.0
SJOOW16-5 IF		5						0.39	10.0	103	8.0
SJOOW14-2 IF	14	2	41 / 30	0.030	0.76	0.030	0.76	0.34	8.7	68	18.0
SJOOW14-3 IF		3						0.36	9.2	88	18.0
SJOOW14-4 IF		4						0.40	10.1	110	15.0
SJOOW14-5 IF		5						0.44	11.1	137	12.0
SJOOW12-2 IF	12	2	65 / 30	0.030	0.76	0.045	1.14	0.41	10.4	104	25.0
SJOOW12-3 IF		3						0.43	10.9	131	25.0
SJOOW12-4 IF		4						0.47	11.9	163	20.0
SJOOW12-5 IF		5						0.51	12.9	200	16.0
SJOOW10-2 IF	10	2	103 / 30	0.045	1.14	0.060	1.52	0.54	13.8	177	30.0
SJOOW10-3 IF		3						0.58	14.6	225	30.0
SJOOW10-4 IF		4						0.63	16.0	279	25.0

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

STANDARD PRINT LEGEND:

TF FLEXTREME (COND) (SIZE) (mm²) (UL) TYPE SJOOW E123366 90C SUN & WATER RES 300V CSA TYPE SJOOW 90C LL 103932 FT2 -40C P-7K-254013 MSHA



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