



SJOOW

300V

UL 62 and CAN/CSA-C 22.2 No 49

Portable cord and control cable, 90°C, Integral version

APPLICATIONS

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. Other industrial applications



CONSTRUCTION

Conductors	Flexible stranded bare copper in accordance with ASTM B-174 and UL 62
Insulation	EPR compound Class 19 of Tab. 8 of UL 62
Color code	ICEA S-58-679, Method 1, Tab.1 2/C Black, White 3/C Black, White, Green 4/C Black, White, Red, Green 5/C Black, White, Red, Green, Orange
Cabling	Insulated conductors are assembled round without filler. Integral filled jacket
Separator	Talc applied over the cable core for sizes 18AWG-10AWG
Outer jacket	CPE compound Class 1.12 90°C comply with Tab. 11 of UL 62
Color of outer jacket	Black. Other colors available on request

Features

Excellent flexibility, resistance to oil, solvents, ozone, weather, sunlight and water. Maximum temperature: +90°C. Flame test meets FT2, MSHA. Ink jet printed for easy identification.

Approvals

UL: E123366 (CPE), CSA: 1534535 (LL 103932)(CPE), MSHA: P-7K-254013 (CPE), FT2

Technical and Electrical Characteristic

Part Number	AWG size	No of conductor	Conductor strand	Nominal insulation thickness		Nominal jacket thickness		Nominal overall diameter		Weight LBS/1000ft	Ampacity at 30°C in air A
				Inches	mm	Inches	mm	Inches	mm		
SJOOW18-2 IF	18	2	16/30	0,030	0,76	0,030	0,76	0,288	7,3	50	10
SJOOW18-3 IF		3	16/30	0,030	0,76	0,030	0,76	0,30	7,8	60	10
SJOOW18-4 IF		4	16/30	0,030	0,76	0,030	0,76	0,33	8,4	71	7
SJOOW16-2 IF	16	2	26/30	0,030	0,76	0,030	0,76	0,31	7,9	53	13
SJOOW16-3 IF		3	26/30	0,030	0,76	0,030	0,76	0,33	8,4	66	13
SJOOW16-4 IF		4	26/30	0,030	0,76	0,030	0,76	0,36	9,1	83	10
SJOOW14-2 IF	14	2	41/30	0,030	0,76	0,030	0,76	0,34	8,7	80	18
SJOOW14-3 IF		3	41/30	0,030	0,76	0,030	0,76	0,36	9,2	88	18
SJOOW14-4 IF		4	41/30	0,030	0,76	0,030	0,76	0,40	10,1	110	15
SJOOW12-2 IF	12	2	65/30	0,030	0,76	0,045	1,14	0,41	10,4	104	25
SJOOW12-3 IF		3	65/30	0,030	0,76	0,045	1,14	0,43	10,9	131	25
SJOOW12-4 IF		4	65/30	0,030	0,76	0,045	1,14	0,47	11,9	163	20
SJOOW10-2 IF	10	2	103/30	0,045	1,14	0,060	1,52	0,54	13,8	177	30
SJOOW10-3 IF		3	103/30	0,045	1,14	0,060	1,52	0,58	14,6	225	30
SJOOW10-4 IF		4	103/30	0,045	1,14	0,060	1,52	0,63	16,0	279	25

NOTE 1. Ampacity values shown are for current carrying conductors. A grounding conductor, or one which carries only the unbalanced current from other conductors, is not counted in determining current carrying capacity.

NOTE 2. Correction factor for ambient temperature of 40°C is 0,91

Standard print legend:

Up to 4 cores

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