

SJTOW Portable Cord, PVC Oil Resistant

SJTOW PVC Cord PVC Insulation/PVC Outer jacket--**oil resistant**, sunlight and water resistant jacket. 300v 105C
Class K stranded bare copper conductor per ASTM B3 and B174. (Class M for 18 AWG.)
Standard jacket colors: Black, orange, and yellow. Colors on demand are available.

UL: SJTOW, 300v 105C VW-1
CUL: SJTOW, 300v 105C FT2

Standards	Alternative Constructions	Applications:
UL 62	Tinned copper conductor	Oil resistant outer jacket for use in
CSA 22.2	Overcoat conductor	environments where oil is present.
CSA Flame test FT2	Topcoat conductor	Motor controls, lighting, tools,
RoHS compliant	CSA Flame test FT1 available	small appliances

Color code:		
2-conductor	white, black	
3-conductor	white, black, green	
4-conductor	white, black, red, green	

AWG	No. of Conductors	Copper Stranding		Nominal Insulation Thickness		Nominal Outer Jacket Thickness		Cable Outer Diameter		Cable Weight		Ampacity * (amps)
		(AWG)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs./kft)	(kg/km)	
18	2	41/34	41/0.16	0.030	0.76	0.030	0.76	0.295	7.5	40	60	10
	3	41/34	41/0.16	0.030	0.76	0.030	0.76	0.305	7.7	51	76.5	10
16	2	26/30	26/0.25	0.030	0.76	0.030	0.76	0.315	8.0	51	76.5	13
	3	26/30	26/0.25	0.030	0.76	0.030	0.76	0.330	8.4	65	97.5	13
	4	26/30	26/0.25	0.030	0.76	0.030	0.76	0.340	8.6	81	121.5	10
14	2	41/30	41/0.25	0.030	0.76	0.030	0.76	0.345	8.8	67	100.5	18
	3	41/30	41/0.25	0.030	0.76	0.030	0.76	0.380	9.7	92	138	18
	4	41/30	41/0.25	0.030	0.76	0.030	0.76	0.415	10.5	114	171	15
12	2	65/30	65/0.25	0.030	0.76	0.045	1.14	0.415	10.5	95	142.5	25
	3	65/30	65/0.25	0.030	0.76	0.045	1.14	0.430	10.9	130	195	25
	4	65/30	65/0.25	0.030	0.76	0.045	1.14	0.475	12.1	167	250.5	20
10	3	104/30	104/0.25	0.045	1.14	0.060	1.52	0.580	14.7	224	336	30
	4	104/30	104/0.25	0.045	1.14	0.060	1.52	0.640	16.3	281	421.5	30

*Ampacities are for general use @ 30C ambient temperature per NEC Table 400.5.