

SJTW Portable Cord, PVC Medium Duty

SJTW PVC Cord

PVC Insulation/PVC Outer jacket--sunlight and water resistant. 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: SJTW, 300v 105C VW-1
CUL: SJTW, 300v 105C FT2

Standards

UL 62
CSA 22.2
CSA Flame test FT2
RoHS compliant

Alternative Constructions

Tinned copper conductor
Overcoat conductor
Topcoat conductor
CSA Flame test FT1 available

Applications:

Water resistant outer jacket for both indoor and outdoor environments.
Motor controls, lighting, tools, 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 *
		(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.

Last Updated--July 25, 2025