

STW 600v Portable Cord, PVC Hard Duty

STW Hard Duty PVC Cord

PVC Insulation/PVC outer jacket--sunlight and water resistant jacket. 600V Class K stranded bare copper conductor per ASTM B3 and B174. (Class IV) Standard jacket colors: Black and yellow. Colors on demand are available.

UL: STW, 600v 105C VW-1

CUL: STW, 600v 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

both indoor and outdoor

Motor control

large applications

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		Cal Outer D (in)
		(AWG)	(mm)	(in)	(mm)	(in)	(mm)	
18	2	41/34	41/0.16	0.030	0.76	0.600	15.24	0.350
	3	41/34	41/0.16	0.030	0.76	0.060	1.52	0.365
	4	41/34	41/0.16	0.030	0.76	0.060	1.52	0.395
16	2	26/30	26/0.25	0.030	0.76	0.060	1.52	0.375
	3	26/30	26/0.25	0.030	0.76	0.060	1.52	0.395
	4	26/30	26/0.25	0.030	0.76	0.060	1.52	0.425
14	2	41/30	41/0.25	0.045	1.14	0.080	2.03	0.505
	3	41/30	41/0.25	0.045	1.14	0.080	2.03	0.535
	4	41/30	41/0.25	0.045	1.14	0.080	2.03	0.585
12	2	65/30	65/0.25	0.045	1.14	0.095	2.41	0.585
	3	65/30	65/0.25	0.045	1.14	0.095	2.41	0.615
	4	65/30	65/0.25	0.045	1.14	0.095	2.41	0.665
10	2	104/30	104/0.25	0.045	1.14	0.095	2.41	0.620
	3	104/30	104/0.25	0.045	1.14	0.095	2.41	0.665
	4	104/30	104/0.25	0.045	1.14	0.095	2.41	0.710



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

3v 105C
 1 for 18 AWG.)
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stant outer jacket for use in
 ir and outdoor environments.
 trols, lighting, tools,
 ances

ble iameter (mm)	Cable Weight		Ampacity * (amps)
	(lbs./kft)	(kg/km)	
8.9	60	90	10
9.3	72	108	10
10.0	85	127.5	7
9.5	76	114	13
10.0	90	135	13
10.8	107	160.5	10
12.8	120	180	18
13.6	156	234	18
14.9	184	276	15
14.9	165	247.5	25
15.6	208	312	25
16.9	254	381	20
15.7	195	292.5	30
16.9	268	402	30
18.0	344	516	25



Last Updated--July 25, 2025