

# Types SJTOW and STOW

90°C 300 and 600 Volt UL/CSA Portable Cord

**Product Construction:**

**Conductors:**

- 18 through 12 AWG fully annealed stranded bare copper per ASTM B-174

**Insulation:**

- Premium-grade, color-coded PVC
- Color code: See chart below

**Jacket:**

- Polyvinylchloride (PVC), gray or yellow
- Temperature range: -40°C to +90°C
- Voltage rating:  
300 volts Type SJTOW  
600 volts Type STOW

**Jacket Marking:**

- CAROL (SIZE) (mm<sup>2</sup>) 90°C UL WATER RESISTANT SJTOW (OR STOW) CSA (-40°C) FT-2 RoHS MADE IN USA 300V (or 600V)

**Applications:**

- Portable tools
- Motors
- Floor maintenance equipment
- Hospital equipment
- Sound equipment
- Washing machines
- Portable lights
- Lamps and similar equipment

**Features:**

- Oil- and water-resistant jacket
- Resists:
  - Oils
  - Water
  - Acids
  - Alkalies
- Ozone-sunlight (UV)- and weather-resistant
- UL Listed and CSA certified for indoor and outdoor use

**Industry Approvals:**

- UL Flexible Cord - UL Subject 62
- MSHA Approved (where applicable)
- CSA
- RoHS Compliant

**Packaging:**

- 250' (76.2 m), 500' (152.4 m), and 1000' (304.8 m)
- Other put-ups available on special order

**COLOR CODE CHART**

NO. OF CONDUCTORS	COLOR
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green



**TYPE SJTOW – 300 VOLT – UL/CSA**

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WEIGHT LBS/M <sup>(S)</sup>
				INCHES	mm	INCHES	mm		
86902*	2	18	16/30	0.030	0.76	0.290	7.37	10	42
86903*	3	18	16/30	0.030	0.76	0.305	7.75	10	54
86904*	4	18	16/30	0.030	0.76	0.335	8.51	7	65
86912*	2	16	26/30	0.030	0.76	0.315	8.00	13	57
86913	3	16	26/30	0.030	0.76	0.330	8.38	13	70
86914*	4	16	26/30	0.030	0.76	0.365	9.27	10	86
86922*	2	14	41/30	0.030	0.76	0.345	8.76	18	67
86923	3	14	41/30	0.030	0.76	0.365	9.27	18	92
86924	4	14	41/30	0.030	0.76	0.415	10.54	15	114
86932*	2	12	65/30	0.030	0.76	0.410	10.44	25	95
86933	3	12	65/30	0.030	0.76	0.430	10.92	25	132
86934*	4	12	65/30	0.030	0.76	0.485	12.32	20	167

**TYPE STOW – 600 VOLT – UL/CSA**

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS†	APPROX. NET WEIGHT LBS/M <sup>(S)</sup>
				INCHES	mm	INCHES	mm		
86952*	2	18	16/30	0.030	0.76	0.350	8.89	10	60
86953	3	18	16/30	0.030	0.76	0.365	9.27	10	72
86954*	4	18	16/30	0.030	0.76	0.395	10.03	7	85
86962*	2	16	26/30	0.030	0.76	0.375	9.58	13	76
86963	3	16	26/30	0.030	0.76	0.395	10.08	13	90
86964	4	16	26/30	0.030	0.76	0.425	10.80	10	107
86972*	2	14	41/30	0.045	1.14	0.505	12.83	18	120
86973	3	14	41/30	0.045	1.14	0.535	13.59	18	156
86974	4	14	41/30	0.045	1.14	0.585	14.86	15	184
86982*	2	12	65/30	0.045	1.14	0.585	14.86	25	165
86983	3	12	65/30	0.045	1.14	0.615	15.62	25	208
86984*	4	12	65/30	0.045	1.14	0.665	16.89	20	254

\* Non-stock item; minimum quantity purchase required.  
 † Green conductor for grounding only. Ampacities based on NEC table 400.5(A).  
 (S) Actual shipping weight may vary.