

PORTABLE PVC CONTROL CABLE TYPE SJTOW, SIZES 18AWG THROUGH 10AWG 300VOLTS, UL AND CSA LISTED

CONSTRUCTION:

CONDUCTOR FLEXIBLE SOFT DRAWN BARE COPPER PER ASTM B-3.

INSULATION POLYVINYLCHLORIDE (PVC), COLOR CODED PER ICEA METHOD 1 TABLE E-1, EXCEPT 3/C ITEMS, WHICH ARE BLACK-WHITE-GREEN.

JACKET POLYVINYLCHLORIDE (PVC). STOCKED JACKET COLORS ARE YELLOW, GRAY, AND WHITE**.

Charlotte Wire Part#	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness (in.)	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03000	18	2	16	.030"	10	.29"	42
CW03001	18	3	16	.030"	10	.31"	55
CW03002	18	4	16	.030"	7	.34"	66
CW03003	16	2	26	.030"	13	.32"	58
CW03004	16	3	26	.030"	13	.34"	69
CW03005	16	4	26	.030"	10	.37"	87
CW03006	14	2	41	.030"	18	.35"	68
CW03007	14	3	41	.030"	18	.37"	90
CW03008	14	4	41	.030"	15	.42"	115
CW03009	12	2	65	.030"	25	.42"	98
CW03010	12	3	65	.030"	25	.44"	131
CW03011	12	4	65	.030"	20	.48"	165
CW03012	10	2	104	.045"	30	.56"	170
CW03013	10	3	104	.045"	30	.59"	210
CW03014	10	4	104	.045"	25	.64"	275
CW03015	10	5	104	.045"	20	.76"	350

*Ampacities based on 30Deg C ambient temperature in air per the 2011 NEC, Table 400.5(A)(1).

Values shown are for current carrying conductors. A grounding conductor, or one which carries only the unbalance current from other conductors is not counted in determining current carrying capacity.

**Jacket Color: To specify jacket color, add jacket color as a suffix to Charlotte Wire Part#.

Example 3/c #14 SJTOW yellow would be CW03007-YL.

3/c #14 SJTOW gray would be CW03007-GY.

3/c #14 SJTOW white would be CW03007-WH.

APPLICATION:

For use in connection of portable equipment and appliances. Also for use on signal and control circuits in industrial plants. Designed for hard usage per NEC Article 400 and for equipment that requires resistance to water, oils, and chemicals.

COLOR CODE:

2/C : Black - White

3/C : Black - White - Green

4/C : Black - White - Red - Green

5/C : Black - White - Red - Green - Orange.

STANDARDS:

UL Standard 62 for flexible cords.

CSA approved.