



“Taking Care of Business”

toll free: 800-929-9473

PORTABLE CONTROL CABLE TYPE SOOW - #16AWG 90DEG C 600VOLTS UL, CSA, AND MSHA LISTED

CONSTRUCTION:

CONDUCTOR 26 STRANDS OF #30AWG FLEXIBLE SOFT DRAWN BARE COPPER

INSULATION EPDM RUBBER COLOR CODED PER ICEA METHOD 1 TABLE E-1, EXCEPT 3/C #16, WHICH IS BLACK-WHITE-GREEN.

ASSEMBLY INSULATED CONDUCTORS ARE CABLED TOGETHER WITH FILLERS AS NEEDED AND A SUITABLE TAPE SEPARATOR.

JACKET BLACK THERMOSET CPE RUBBER JACKET, WHICH IS ABRASION, CHEMICAL, FLAME, OIL, OZONE, SUNLIGHT, AND WATER RESISTANT.

Charlotte Wire Part#	Size AWG	Number of Conductors	Insulation Thickness (in.)	Jacket Thickness (in.)	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03091	16	2	.030"	.060"	13	.37"	82
CW03092	16	3	.030"	.060"	13	.39"	100
CW03093	16	4	.030"	.060"	10	.42"	120
CW03094	16	5	.030"	.080"	8	.50"	157
CW03095	16	6	.030"	.080"	8	.53"	185
CW03096	16	7	.030"	.080"	7	.53"	195
CW03097	16	8	.030"	.080"	7	.56"	210
CW03098	16	9	.030"	.080"	7	.59"	230
CW03099	16	10	.030"	.080"	5	.65"	260
CW03100	16	12	.030"	.080"	5	.68"	320
CW03101	16	14	.030"	.095"	5	.72"	360
CW03102	16	16	.030"	.095"	5	.77"	410
CW03103	16	20	.030"	.095"	5	.83"	489
CW03104	16	24	.030"	.095"	4.5	.90"	575
CW03105	16	30	.030"	.110"	4.5	1.00"	732
CW03106	16	36	.030"	.110"	4	1.09"	805
CW03107	16	37	.030"	.110"	4	1.09"	820
CW03108	16	40	.030"	.110"	4	1.11"	860
CW03109	16	50	.030"	.125"	3.5	1.30"	1160
CW03110	16	60	.030"	.125"	3.5	1.38"	1290

*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.

APPLICATION:

For use in connection of portable equipment and appliances. Also for use on signal and control circuits in industrial plants. Designed for extra hard usage and for equipment that is exposed to chemicals, oils, sunlight, and moisture.

STANDARDS:

UL Standard 62 for flexible cords.

CSA Standard C22.2 No. 49 for flexible cords.

MSHA Approved: passes MSHA flame test.

UL & CSA Type SOW: Weather resistant/outdoor.