

**PORTABLE POWER CABLE
TYPE SOOW - #8AWG THROUGH #2AWG
90DEG C, 600VOLTS NON-UL, MSHA LISTED**

CONSTRUCTION:

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

INSULATION EPDM RUBBER COLOR CODED PER ICEA METHOD 1 TABLE E-1, EXCEPT FOR 3 CONDUCTOR ITEMS, WHICH ARE 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	Number of Strands	Jacket Thickness (in.)	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03190	8	2	65	.060"	40	.68"	300
CW03191	8	3	65	.060"	40	.73"	370
CW03192	8	4	65	.060"	35	.79"	470
CW03193	8	5	65	.060"	28	.87"	558
CW03194	6	2	103	.060"	55	.74"	390
CW03195	6	3	103	.060"	55	.80"	512
CW03196	6	4	103	.080"	45	.90"	645
CW03197	6	5	103	.080"	36	.96"	780
CW03198	4	2	119	.080"	70	.90"	595
CW03199	4	3	119	.080"	70	.95"	720
CW03200	4	4	119	.080"	60	1.05"	880
CW03201	4	5	119	.080"	48	1.16"	1100
CW03202	2	2	133	.080"	95	1.05"	830
CW03203	2	3	133	.080"	95	1.10"	1060
CW03204	2	4	133	.080"	80	1.19"	1310
CW03205	2	5	133	.080"	64	1.42"	1650

*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:

MSHA Approved: passes MSHA flame test.

COLOR CODE:

2/C: Black, White

3/C: Black, White, Green

4/C: Black, White, Red, Green

5/C: Black, White, Red, Green, Orange