

PORTABLE CABLE - YELLOW (18 THRU 2AWG) TYPE SEOOW, 105DEG C, 600VOLTS, MSHA LISTED (UL & CSA LISTED IN SIZES #18 THRU #10AWG)

CONSTRUCTION:

CONDUCTOR FLEXIBLE STRANDED SOFT DRAWN BARE COPPER.

INSULATION OIL RESISTANT THERMOPLASTIC ELASTOMER INDIVIDUALLY COLOR CODED PER ICEA METHOD 1 TABLE E-1, EXCEPT 3/C ITEMS, WHICH ARE BLACK-WHITE-GREEN.

ASSEMBLY INSULATED CONDUCTORS CABLED TOGETHER WITH WATER RESISTANT, NON-WICKING FILLERS.

JACKET YELLOW LIGHTWEIGHT THERMOPLASTIC ELASTOMER, WHICH IS ABRASION, CHEMICAL, FLAME, OIL, OZONE, AND WATER RESISTANT.

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)
CW03215	18	2	16	.030"	10	.35"	55
CW03216	18	3	16	.030"	10	.37"	69
CW03217	18	4	16	.030"	7	.40"	77
CW03218	16	2	26	.030"	13	.38"	65
CW03219	16	3	26	.030"	13	.40"	76
CW03220	16	4	26	.030"	10	.42"	92
CW03221	14	2	41	.045"	18	.51"	116
CW03222	14	3	41	.045"	18	.54"	135
CW03223	14	4	41	.045"	15	.58"	165
CW03224	12	2	65	.045"	25	.58"	155
CW03225	12	3	65	.045"	25	.60"	184
CW03226	12	4	65	.045"	20	.65"	226
CW03227	10	2	104	.045"	30	.63"	207
CW03228	10	3	104	.045"	30	.66"	241
CW03229	10	4	104	.045"	25	.72"	302
CW03230	8	3	96	.050"	40	.71"	330
CW03231	8	4	96	.050"	35	.78"	422
CW03232	6	3	96	.050"	55	.81"	460
CW03233	6	4	96	.050"	45	.89"	605
CW03234	4	3	96	.050"	70	.98"	680
CW03235	4	4	96	.050"	60	1.10"	870
CW03236	2	3	133	.050"	95	1.18"	980
CW03237	2	4	133	.050"	80	1.29"	1230

*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. Suitable for wet location use, including submersion in water. Superior abrasion resistance and approximately 20% lighter in weight compared to standard rubber cords.

COLOR CODE:

2/C: Black, White
3/C: Black, White, Green
4/C: Black, White, Red, Green

STANDARDS:

UL Type SEOOW and CSA Type STOOW: weather resistant/outdoor(18-10AWG).

Low temperature rating: -50Deg C.

MSHA Approved: Passes MSHA flame test.