

PORTABLE POWER CABLE TYPE G FOUR CONDUCTOR WITH 4 GROUNDS -40DEG C +90DEG C, 2000VOLTS

CONSTRUCTION:

CONDUCTOR FLEXIBLE SOFT DRAWN BARE COPPER.

INSULATION 90DEGREE C THERMOSET EP RUBBER, COLOR CODED BLACK, WHITE, RED, AND ORANGE.

GROUND CONDUCTORS FOUR FLEXIBLE BARE COPPER CONDUCTORS WITH GREEN RUBBER INSULATION.

ASSEMBLY INSULATED POWER CONDUCTORS CABLED TOGETHER WITH A GROUND CONDUCTOR IN EACH OF THE FOUR INTERSTICES. SUITABLE FILLERS AS NEEDED.

JACKET EXTRA HARD USAGE BLACK THERMOSET CPE WHICH IS RESISTANT TO ABRASION, OIL, CHEMICALS, SUNLIGHT, AND WATER.

Charlotte Wire Part#	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness (in.)	Ground Wire Size	Rating in Amps*	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03521	8	4	133	.060"	4 - #12	52	1.03"	805
CW03522	6	4	133	.060"	4 - #12	70	1.13"	1010
CW03523	4	4	259	.060"	4 - #10	91	1.28"	1390
CW03524	2	4	259	.060"	4 - #9	122	1.49"	1980
CW03525	1	4	259	.080"	4 - #8	142	1.68"	2570
CW03526	1/0	4	259	.080"	4 - #7	164	1.79"	2990
CW03527	2/0	4	259	.080"	4 - #6	190	1.93"	3530
CW03528	3/0	4	259	.080"	4 - #5	219	2.07"	4440
CW03529	4/0	4	259	.080"	4 - #4	253	2.26"	5280
CW03530	250MCM	4	627	.095"	4 - #3	282	2.67"	5950
CW03531	350MCM	4	855	.095"	4 - #1	346	3.03"	8330
CW03532	500MCM	4	1235	.095"	4 - 1/0	429	3.47"	11220

*Ampacity based on 30Deg C ambient temperature, and 90Deg C conductor temperature per NEC Table 400.5(A)(2).

APPLICATION:

Suitable for use on mobile mining equipment, cranes, conveyors, pumps, temporary power supply, and portable heavy duty equipment. Designed for extra hard usage and for equipment that is exposed to chemicals, oil, sunlight, and moisture.

STANDARDS:

Passes MSHA flame test.
NEC Type G.
Passes CSA FT5 flame test.

COLOR CODE:

4/C: Black, White, Red, and Orange.