

**PORTABLE POWER CABLE  
TYPE G-GC THREE CONDUCTOR ROUND  
-40DEG C +90DEG C, 2000VOLTS**

**CONSTRUCTION:**

**CONDUCTOR** FLEXIBLE SOFT DRAWN BARE COPPER.

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

**GROUND CONDUCTORS** TWO FLEXIBLE BARE COPPER CONDUCTORS WITH GREEN RUBBER INSULATION.

**GROUND CHECK** FLEXIBLE BARE COPPER CONDUCTOR WITH YELLOW RUBBER INSULATION.

**ASSEMBLY** INSULATED POWER CONDUCTORS CABLED TOGETHER WITH A GROUND CONDUCTOR IN EACH OF TWO INTERSTICES AND A GROUND CHECK IN THE THIRD INTERSTICE.

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

Charlotte Wire Part#	Size AWG	No. of Cdrs.	Number of Strands	Insulation Thickness (in.)	Ground Wire Size	Ground Check Size	Rating in Amps*	O.D. (in.)	Approx. Net Wt. (Lbs/Mft)
CW03501	8	3	133	.060"	2-#10	10	65	.99"	635
CW03502	6	3	133	.060"	2-#10	10	87	1.06"	795
CW03503	4	3	259	.060"	2- #8	10	114	1.19"	1130
CW03504	2	3	259	.060"	2- #7	10	152	1.34"	1530
CW03505	1	3	259	.080"	2- #6	8	177	1.51"	1940
CW03506	1/0	3	259	.080"	2- #5	8	205	1.65"	2420
CW03507	2/0	3	259	.080"	2- #4	8	237	1.75"	2670
CW03508	3/0	3	259	.080"	2- #3	8	274	1.89"	3440
CW03509	4/0	3	259	.080"	2- #2	8	316	2.04"	4080
CW03510	250MCM	3	627	.095"	2- #2	8	352	2.39"	5950
CW03511	350MCM	3	855	.095"	2- 1/0	8	433	2.68"	7300
CW03512	500MCM	3	1235	.095"	2- 2/0	8	536	3.03"	8780

\*Ampacity based on three current carrying conductors, 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-GC.  
Passes CSA FT5 flame test.

**COLOR CODE:**

3/C: Black, White, and Red.