



“Taking Care of Business”

toll free: 800-929-9473

PORTABLE POWER CABLE TYPE W SINGLE CONDUCTOR -40DEG C +90DEG C, 2000VOLTS

CONSTRUCTION:

CONDUCTOR FLEXIBLE SOFT DRAWN BARE COPPER.

INSULATION 90DEGREE C THERMOSET EP RUBBER.

JACKET BLACK THERMOSET CHLORINATED POLYETHYLENE (CPE), WHICH IS RESISTANT TO FLAME, ABRASION, OIL, CHEMICALS, SUNLIGHT, AND WATER.

Charlotte Wire Part#	Size AWG	Number of Strands*	Insulation Thickness (in.)	Jacket Thickness (in.)	Rating in Amps**	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03400	8	133	.060"	.070"	80	.45"	150
CW03401	6	133	.060"	.080"	105	.53"	210
CW03402	4	133	.060"	.080"	140	.60"	270
CW03403	2	259	.060"	.080"	190	.66"	380
CW03404	1	259	.080"	.080"	220	.74"	500
CW03405	1/0	259	.080"	.080"	260	.80"	560
CW03406	2/0	259	.080"	.080"	300	.85"	680
CW03407	3/0	259	.080"	.080"	350	.91"	790
CW03408	4/0	259	.080"	.080"	405	.97"	980
CW03409	250MCM	637	.095"	.095"	455	1.08"	1150
CW03410	350MCM	882	.095"	.095"	570	1.20"	1495
CW03411	500MCM	1221	.095"	.095"	700	1.36"	2050

*To specify the more flexible Class K stranding (30awg strands), add suffix "K" to Charlotte Wire Part Number.

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

APPLICATION:

Suitable for use on motors, hoists, cranes, portable power systems, temporary power supplies, motors and generators as a heavy duty lead wire, and other applications where flexibility and durability are required.

STANDARDS:

NEC Type W.

Passes MSHA flame test.

Passes CSA FT5 flame test.