

SHIELDED PORTABLE POWER CABLE THREE CONDUCTORS WITH GROUNDS AND GROUND CHECK 90DEGREES C 15000VOLTS TYPE SHD-GC

CONSTRUCTION:

CONDUCTOR FLEXIBLE SOFT DRAWN TINNED COPPER.

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

SHIELD TINNED COPPER/TEXTILE BRAID SHIELD IS APPLIED OVER CONDUCTOR TAPE.

GROUND CONDUCTORS FLEXIBLE UNINSULATED TINNED COPPER GROUNDS IN TWO OF THE INTERSTICES.

GROUND CHECK FLEXIBLE COPPER WITH YELLOW INSULATION.

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

OVERALL JACKET EXTRA HEAVY DUTY, TWO LAYER, REINFORCED LEAD CURED BLACK CPE.

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)
CW03875	2	3	259	.210"	2 - #6	1 - #8	159	2.42"	3520
CW03877	1/0	3	266	.210"	2 - #4	1 - #8	211	2.66"	4640
CW03878	2/0	3	342	.210"	2 - #3	1 - #8	243	2.74"	4910
CW03880	4/0	3	532	.210"	2 - #1	1 - #8	321	3.08"	6900

*Ampacity based 90Deg C conductor temperature and 40Deg C ambient air temperature per ICEA.

APPLICATION:

Suitable for use on mobile mining equipment, conveyors, pumps, temporary power supply, and portable heavy duty equipment. Ground check conductor allows for fail-safe ground monitoring. Designed for extra hard usage and for equipment that is exposed to chemicals, oil, sunlight and moisture. Suitable for wet location use.

STANDARDS:

MSHA listed (including passing MSHA flame test).
ICEA S75-381 for Power and Portable Feeder Cables.
Passes CSA FT5 flame test.