



“Taking Care of Business”

toll free: 800-929-9473

**CONTINUOUS CORRUGATED ARMORED CABLE #14AWG W/GND
XHHW-2 CONDUCTORS, CONTINUOUS ALUMINUM ARMOR, PVC JACKET
TYPE MC-HL, CT USE, SUN RESISTANT, DIRECT BURIAL 90DEG C 600VOLTS**

CONSTRUCTION:

CONDUCTOR 7 STRANDED (CLASS B) BARE COPPER.

INSULATION THERMOSETTING CROSSLINKED POLYETHYLENE (XLP) XHHW-2.

CONDUCTOR IDENTIFICATION COLOR CODED PER ICEA METHOD 1 TABLE E-2.

ASSEMBLY CONDUCTORS ARE CABLED TOGETHER WITH STRANDED COPPER GROUND WIRE, AND OVERALL CABLE BINDER TAPE.

ARMOR CONTINUOUS CORRUGATED ALUMINUM ARMOR WHICH IS IMPERVIOUS TO LIQUIDS, MOISTURE, AND GASES.

OUTER JACKET SUNLIGHT RESISTANT, FLAME RETARDANT BLACK PVC APPLIED OVER ARMOR.

Charlotte Wire Part#	Size AWG	No. of C'drs	Insulation Thickness (in.)	Ground Sizes (AWG)	Armor Diameter (in.)	PVC Jkt Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW08451	14	2	.030"	1 - #14	.50"	.050"	.60"	160
CW08452	14	3	.030"	1 - #14	.52"	.050"	.62"	184
CW08453	14	4	.030"	1 - #14	.56"	.050"	.66"	205
CW08454	14	5	.030"	1 - #14	.60"	.050"	.70"	225
CW08455	14	7	.030"	1 - #14	.62"	.050"	.72"	270
CW08456	14	9	.030"	1 - #14	.75"	.050"	.85"	360
CW08457	14	12	.030"	1 - #14	.81"	.050"	.91"	420
CW08458	14	15	.030"	1 - #14	.83"	.050"	.93"	490
CW08459	14	19	.030"	1 - #14	.92"	.050"	1.02"	590
CW08460	14	25	.030"	1 - #14	1.04"	.050"	1.14"	730
CW08461	14	37	.030"	1 - #14	1.25"	.050"	1.35"	1020

APPLICATION:

Suitable for power, lighting, control, and signal circuits in a variety of industrial locations including pulp and paper, chemical, and petrochemical. Continuous corrugated armor provides excellent mechanical resistance and can be used as an electrical shield when adequate grounding is maintained. Per NEC Article 330, may be used 1) indoors or outdoors, 2) in raceway or cable tray, 3) as aerial cable cable on a messenger, 4) in direct burial applications, and 5) in hazardous locations per NEC Class I, II, and III, Divisions 1 and 2.

STANDARDS:

- UL Standard 1569 for Type MC Cables.
- Passes UL & IEEE 70,000BTU Flame Test.
- UL Standard 44 for XHHW-2 conductors.
- ICEA S-95-658/NEMA WC70 for Nonshielded 0 - 2KV Cables.
- NEC Article 330 for Metal Clad Uses and Constructions.
- UL Standard 2225 for Metal Clad Cables in Hazardous Locations.