

**CONTINUOUS CORRUGATED ARMORED CABLE #12AWG 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)
CW08466	12	2	.030"	1 - #12	.51"	.050"	.61"	190
CW08467	12	3	.030"	1 - #12	.56"	.050"	.66"	222
CW08468	12	4	.030"	1 - #12	.58"	.050"	.68"	245
CW08469	12	5	.030"	1 - #12	.63"	.050"	.73"	310
CW08470	12	7	.030"	1 - #12	.67"	.050"	.77"	370
CW08471	12	9	.030"	1 - #12	.81"	.050"	.91"	445
CW08472	12	12	.030"	1 - #12	.88"	.050"	.98"	538
CW08473	12	15	.030"	1 - #12	.96"	.050"	1.06"	670
CW08474	12	19	.030"	1 - #12	.99"	.050"	1.09"	770
CW08475	12	25	.030"	1 - #12	1.21"	.050"	1.31"	1050
CW08476	12	37	.030"	1 - #12	1.39"	.050"	1.49"	1410

**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.