Charlotte™ Wire & Cable Company Inc.

CONTINUOUS CORRUGATED ARMORED CABLE #10AWG 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)
CW08481	10	2	.030"	1 - #10	.57"	.050"	.67"	242
CW08482	10	3	.030"	1 - #10	.61"	.050"	.71"	305
CW08483	10	4	.030"	1 - #10	.64"	.050"	.74"	340
CW08484	10	5	.030"	1 - #10	.75"	.050"	.85"	410
CW08485	10	7	.030"	1 - #10	.79"	.050"	.89"	490
CW08486	10	9	.030"	1 - #10	.92"	.050"	1.02"	615
CW08487	10	12	.030"	1 - #10	1.01"	.050"	1.11"	740
CW08488	10	37	.030"	1 - #10	1.58"	.060"	1.70"	2090

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 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.