

INTERLOCKED ARMOR CABLE #12AWG COPPER XHHW-2 CONDUCTORS, ALUMINUM ARMOR, PVC JACKET TYPE MC, CT USE, SUNLIGHT RESISTANT, 600VOLTS, 90DEG C

CONSTRUCTION:

CONDUCTOR 7 STRANDED (CLASS B) COPPER.

INSULATION THERMOSETTING CROSSLINKED POLYETHYLENE (XLP) TYPE XHHW-2 PER UL 44. CONDUCTORS RATED 90DEG C WET OR DRY.

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 ALUMINUM INTERLOCKED ARMOR APPLIED OVER CABLE ASSEMBLY.

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

Charlotte Wire Part#	Size AWG	Number of Condr's	Insulation Thickness (in.)	Ground Size (AWG)	Armor Diameter (in.)	PVC Jkt Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW08020	12	2	.030"	1 - #12	.59"	.050"	.69"	205
CW08021	12	3	.030"	1 - #12	.60"	.050"	.70"	228
CW08022	12	4	.030"	1 - #12	.62"	.050"	.72"	260
CW08023	12	5	.030"	1 - #12	.65"	.050"	.75"	288
CW08024	12	7	.030"	1 - #12	.69"	.050"	.79"	360
CW08025	12	9	.030"	1 - #12	.79"	.050"	.89"	450
CW08026	12	10	.030"	1 - #12	.81"	.050"	.91"	495
CW08027	12	12	.030"	1 - #12	.87"	.050"	.97"	550
CW08028	12	15	.030"	1 - #12	.95"	.050"	1.05"	675
CW08029	12	19	.030"	1 - #12	1.04"	.050"	1.14"	810
CW08030	12	20	.030"	1 - #12	1.10"	.050"	1.20"	860
CW08031	12	25	.030"	1 - #12	1.16"	.050"	1.26"	1040
CW08032	12	30	.030"	1 - #12	1.28"	.050"	1.38"	1210
CW08033	12	37	.030"	1 - #12	1.42"	.050"	1.52"	1420

APPLICATION:

Suitable for power, lighting, control, and signal circuits rated 600Volts. Interlocked armor cables provide excellent corrosion resistance and mechanical protection. May be used as sunlight resistant, directly buried, and wet or dry locations. Per NEC Article 330, may be used 1) indoors (including walls or beams), or outdoors, 2) raceways and cable tray systems including ladders, troughs, and channels, 3) aerial cable on a messenger, and 4) in hazardous locations per NEC Class I Division 2, Class II Division 2, and Class III Division 1.

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.

OPTIONAL CONSTRUCTIONS

Inner PVC jacket under armor.
Galvanized steel armor.
Different colors on outer PVC jacket.