

INTERLOCKED ARMOR CABLE #10AWG 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)
CW08040	10	2	.030"	1 - #10	.60"	.050"	.70"	248
CW08041	10	3	.030"	1 - #10	.62"	.050"	.72"	290
CW08042	10	4	.030"	1 - #10	.67"	.050"	.77"	340
CW08043	10	5	.030"	1 - #10	.71"	.050"	.81"	394
CW08044	10	7	.030"	1 - #10	.78"	.050"	.88"	490
CW08045	10	9	.030"	1 - #10	.87"	.050"	.97"	598
CW08046	10	12	.030"	1 - #10	1.00"	.050"	1.10"	764
CW08047	10	15	.030"	1 - #10	1.08"	.050"	1.18"	952
CW08048	10	19	.030"	1 - #10	1.12"	.050"	1.22"	1100
CW08049	10	20	.030"	1 - #10	1.19"	.050"	1.29"	1190
CW08050	10	25	.030"	1 - #10	1.31"	.050"	1.41"	1470
CW08051	10	30	.030"	1 - #10	1.41"	.050"	1.51"	1690
CW08052	10	37	.030"	1 - #10	1.50"	.050"	1.60"	1950

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.