

INTERLOCKED ARMOR CABLE #14AWG 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)
CW08001	14	2	.030"	1 - #14	.57"	.050"	.67"	170
CW08002	14	3	.030"	1 - #14	.58"	.050"	.68"	188
CW08003	14	4	.030"	1 - #14	.60"	.050"	.70"	215
CW08004	14	5	.030"	1 - #14	.61"	.050"	.71"	240
CW08005	14	7	.030"	1 - #14	.65"	.050"	.75"	280
CW08006	14	9	.030"	1 - #14	.72"	.050"	.82"	340
CW08007	14	10	.030"	1 - #14	.78"	.050"	.88"	365
CW08008	14	12	.030"	1 - #14	.80"	.050"	.90"	410
CW08009	14	15	.030"	1 - #14	.86"	.050"	.96"	480
CW08010	14	19	.030"	1 - #14	.90"	.050"	1.00"	572
CW08011	14	20	.030"	1 - #14	.95"	.050"	1.05"	640
CW08012	14	25	.030"	1 - #14	1.07"	.050"	1.17"	775
CW08013	14	30	.030"	1 - #14	1.15"	.050"	1.25"	882
CW08014	14	37	.030"	1 - #14	1.19"	.050"	1.29"	1100
CW08015	14	50	.030"	1 - #14	1.38"	.050"	1.48"	1380

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.