

INTERLOCKED ARMOR CABLE 4 CONDUCTOR WITH GROUND COPPER XHHW-2 CONDUCTORS, ALUMINUM ARMOR, PVC JACKET TYPE MC, CT USE, SUNLIGHT RESISTANT, 600VOLTS, 90DEG C

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED BARE COPPER.

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

CONDUCTOR IDENTIFICATION CONDUCTOR IDENTIFICATION: COLOR CODED PER ICEA METHOD 4 (BLACK CONDUCTORS WITH NUMBERS). ALSO MAY BE CODED WITH PAINTED STRIPES ON BLACK CONDUCTORS.

ASSEMBLY CONDUCTORS ARE CABLED TOGETHER WITH STRANDED BARE 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)
CW08075	8	4	.045"	1 - #10	.82"	.050"	.92"	500
CW08076	6	4	.045"	1 - #8	.92"	.050"	1.02"	680
CW08077	4	4	.045"	1 - #8	1.02"	.050"	1.12"	930
CW08078	2	4	.045"	1 - #6	1.16"	.050"	1.26"	1340
CW08079	1	4	.055"	1 - #6	1.37"	.050"	1.47"	1690
CW08080	1/0	4	.055"	1 - #6	1.46"	.050"	1.56"	2010
CW08081	2/0	4	.055"	1 - #6	1.58"	.050"	1.68"	2395
CW08082	3/0	4	.055"	1 - #4	1.70"	.060"	1.82"	2940
CW08083	4/0	4	.055"	1 - #4	1.85"	.060"	1.97"	3650
CW08084	250MCM	4	.065"	1 - #4	2.00"	.060"	2.12"	4165
CW08085	350MCM	4	.065"	1 - #3	2.25"	.060"	2.37"	5910
CW08086	500MCM	4	.065"	1 - #2	2.56"	.075"	2.71"	8120
CW08087	600MCM	4	.080"	1 - #2	2.80"	.075"	2.95"	9990
CW08088	750MCM	4	.080"	1 - #1	3.08"	.085"	3.25"	11730
CW08089	1000MCM	4	.080"	1 - 1/0	3.40"	.085"	3.57"	15940

APPLICATION:

Suitable for power circuits rated up to 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.