

INTERLOCKED ARMOR CABLE 3 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)
CW08056	8	3	.045"	1 - #10	.75"	.050"	.85"	410
CW08057	6	3	.045"	1 - #8	.84"	.050"	.94"	545
CW08058	4	3	.045"	1 - #8	.92"	.050"	1.02"	746
CW08071	3	3	.045"	1 - #6	.97"	.050"	1.07"	880
CW08059	2	3	.045"	1 - #6	1.06"	.050"	1.16"	1070
CW08060	1	3	.055"	1 - #6	1.22"	.050"	1.32"	1290
CW08061	1/0	3	.055"	1 - #6	1.32"	.050"	1.42"	1560
CW08062	2/0	3	.055"	1 - #6	1.42"	.050"	1.52"	1860
CW08063	3/0	3	.055"	1 - #4	1.53"	.050"	1.63"	2350
CW08064	4/0	3	.055"	1 - #4	1.65"	.060"	1.77"	2810
CW08065	250MCM	3	.065"	1 - #4	1.81"	.060"	1.93"	3280
CW08066	350MCM	3	.065"	1 - #3	2.04"	.060"	2.16"	4420
CW08067	500MCM	3	.065"	1 - #2	2.32"	.075"	2.47"	6300
CW08068	600MCM	3	.080"	1 - #1	2.50"	.075"	2.65"	7620
CW08069	750MCM	3	.080"	1 - #1	2.82"	.075"	2.97"	9060
CW08070	1000MCM	3	.080"	1 - 1/0	3.05"	.085"	3.22"	12430

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.