

**INTERLOCKED ARMOR CABLE 2400VOLT NONSHIELDED
3 CONDUCTOR WITH GROUND
EPR INSULATION, ALUMINUM ARMOR, YELLOW PVC JACKET
TYPE MC, MV-90, CT USE, SUN RESISTANT, DIRECT BURIAL 90DEG C**

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED BARE COPPER.

STRAND SHIELD EXTRUDED NONMETALLIC SEMI-CONDUCTING LAYER.

INSULATION THERMOSETTING ETHYLENE PROPYLENE RUBBER (EPR).

CONDUCTOR PHASE CODED WITH SUITABLE MARKING ON EACH CONDUCTOR.

IDENTIFICATION

CONDUCTOR ASSEMBLY CONDUCTORS ARE CABLED TOGETHER WITH STRANDED COPPER GROUND IN ONE OF THE INTERSTICES, SUITABLE FILLERS WHERE NECESSARY, AND OVERALL CABLE BINDER TAPE.

ARMOR ALUMINUM INTERLOCKED ARMOR APPLIED OVER CABLE ASSEMBLY.

OUTER JACKET SUNLIGHT RESISTANT, FLAME RETARDANT YELLOW PVC APPLIED OVER INTERLOCKED ARMOR.

Charlotte Wire Part#	Size AWG	Insulation Thickness (in.)	Ground Size (AWG)	Armor Diameter (in.)	PVC Jkt Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)	Amps *
CW08601	8	.115"	1 - #8	1.06"	.050"	1.16"	650	58
CW08602	6	.115"	1 - #6	1.20"	.050"	1.30"	895	77
CW08603	4	.115"	1 - #6	1.30"	.050"	1.40"	1120	100
CW08604	2	.115"	1 - #6	1.44"	.050"	1.54"	1440	135
CW08605	1	.115"	1 - #4	1.49"	.050"	1.59"	1760	155
CW08606	1/0	.115"	1 - #4	1.60"	.060"	1.72"	2040	185
CW08607	2/0	.115"	1 - #4	1.74"	.060"	1.86"	2400	210
CW08608	3/0	.115"	1 - #3	1.81"	.060"	1.93"	2960	245
CW08609	4/0	.115"	1 - #3	1.97"	.060"	2.09"	3410	285
CW08610	250MCM	.115"	1 - #3	2.06"	.060"	2.18"	3870	315
CW08611	350MCM	.115"	1 - #2	2.32"	.075"	2.47"	5120	390
CW08612	500MCM	.115"	1 - #1	2.60"	.075"	2.75"	6850	475
CW08613	750MCM	.115"	1 - 1/0	3.00"	.075"	3.15"	9880	585
CW08614	1000MCM	.115"	1 - 1/0	3.30"	.085"	3.47"	13000	660

*Ampacity based on 3 conductor in isolated conduit in air with 105Deg C conductor temperature and 40Deg C ambient temperature per NEC Table 310.60(C)(75).

APPLICATION:

Suitable for power circuits rated up to 2400Volts in industrial, commercial, and utility locations. Per NEC Article 330, may be used 1) indoors 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 1 Division 2, Class II Division 2, and Class III Division 1 and 2.

STANDARDS:

UL Standard 1569 for Type MC Cables.
Passes UL & IEEE 70,000BTU Flame Test.
ICEA S-96-659/NEMA WC71 for Nonshielded 2001-5KV Cables.
UL 1072 for Medium Voltage Cables.
NEC Article 330 for Metal Clad Cables.