

## SOLID 10GA COPPER MC CABLE COPPER THHN/THWN CONDUCTORS, INTERLOCKED ARMOR TYPE MC, 600VOLTS, 90DEG C

### CONSTRUCTION:

**CONDUCTOR** SOLID SOFT DRAWN BARE COPPER.

**INSULATION** PVC/NYLON TYPE THHN/THWN.

**CONDUCTORS** TWO, THREE, OR FOUR CONDUCTORS OF TYPE THHN, COLOR CODED AS SHOWN BELOW.

**GROUND** 1 SOLID COPPER CONDUCTOR WITH GREEN PVC/NYLON INSULATION.

**ASSEMBLY** CONDUCTORS AND GROUND CABLED TOGETHER WITH CABLE TAPE.

**ARMOR** ALUMINUM INTERLOCKED ARMOR APPLIED OVER CABLE ASSEMBLY.

Charlotte Wire Part#	Size AWG	Number of Condr's	Strand Type	Color Code of Conductors	Green Ground Size & Type (AWG)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW11175	10	2	Solid	BLACK - WHITE	1 - #10 Solid	.53"	152
CW11176	10	2	Solid	RED - WHITE	1 - #10 Solid	.53"	152
CW11177	10	2	Solid	BLUE - WHITE	1 - #10 Solid	.53"	152
CW11178	10	2	Solid	BLACK - RED	1 - #10 Solid	.53"	152
CW11179	10	2	Solid	BROWN - GRAY	1 - #10 Solid	.53"	152
CW11180	10	2	Solid	ORANGE - GRAY	1 - #10 Solid	.53"	152
CW11181	10	2	Solid	YELLOW - GRAY	1 - #10 Solid	.53"	152
CW11182	10	3	Solid	BLACK - WHITE - RED	1 - #10 Solid	.57"	193
CW11183	10	3	Solid	BLACK - WHITE - BLUE	1 - #10 Solid	.57"	193
CW11184	10	3	Solid	RED - WHITE - BLUE	1 - #10 Solid	.57"	193
CW11185	10	3	Solid	BLACK - RED - BLUE	1 - #10 Solid	.57"	193
CW11186	10	3	Solid	BROWN - ORANGE - GRAY	1 - #10 Solid	.57"	193
CW11187	10	3	Solid	BROWN - YELLOW - GRAY	1 - #10 Solid	.57"	193
CW11188	10	3	Solid	ORANGE - YELLOW - GRAY	1 - #10 Solid	.57"	193
CW11189	10	3	Solid	BROWN - ORANGE - YELLOW	1 - #10 Solid	.57"	193
CW11190	10	4	Solid	BLACK - WHITE - RED - BLUE	1 - #10 Solid	.64"	255
CW11191	10	4	Solid	BROWN - ORANGE - YELLOW - GRAY	1 - #10 Solid	.64"	255

### APPLICATION:

Suitable for power, lighting, control, and signal circuits rated up to 600Volts. Interlocked armor cables provide excellent corrosion resistance and mechanical protection. Per NEC Article 330, may be used 1) indoors (exposed or concealed), 2) in dry locations, including being embedded in plaster finish on brick or other masonry, and 3) outdoors, including as aerial cable on a messenger.

### STANDARDS:

UL 83 for Type THHN/THWN Conductors.  
UL1569 for Type MC Cables.  
UL1479 for Fire Test of Penetration Firestops.  
NEC Article 330 for Metal-Clad Cable.

### OPTIONAL CONSTRUCTIONS:

Galvanized Steel Armor.  
PVC Jacket over armor.  
Stranded conductors.