

ARMORLITE[®] TYPE MC

ALUMINUM CLAD TYPE MC CABLE

Cable Construction:

• Conductors:

- Solid - bare annealed copper per ASTM B-3 for conductor sizes 14 - 10 AWG
- Stranded - copper stranding per ASTM B-8 for conductor sizes 8 AWG and larger

• Conductor Insulation:

- THHN/THWN insulation rated for 90°C dry, 75°C wet at 600 volts (max.)
- Flame retardant, heat resistant PVC with flame, oil and gasoline resistant nylon jacket
- Conductor sizes 14 - 1 AWG pass UL VW-1 flame test

• Ground Conductor:

- Copper grounding conductor with green THHN/THWN insulation sized based on the largest phase / ungrounded circuit conductor in the cable

• Conductor Assembly:

- The insulated circuit conductors and grounding conductor(s) are cabled with lay length (twist-per-foot) and an overall polyester or polypropylene tape cover

• Interlocked Armor:

- Interlocked aluminum strip armor is helically formed around the conductor assembly

Features:

- Pre-installed conductors within an overall protective metallic interlocked armor
- 45% lighter than steel MC Cable
- Interlocked armor constructed from environmentally friendly recycled aluminum used beverage cans
- UL Classified 1, 2 and 3 hour Through-Penetration Firestop Systems: W-L-3110, W-L-3113, W-L-3120, W-L-3121, C-AJ-3115, C-AJ-3140, C-AJ-3142, C-AJ-3202, C-AJ-4065, C-AJ-4066
- Cable reverse wound for ease of pulling and installation. When pulling from coils, pull from outside to ensure ease of installation

General Applications:

- Branch, feeder, and service power distribution in commercial, industrial, institutional, and multi-residential construction / facilities
- Power, lighting, control, and signal circuits
- Concealed or exposed installations
- Installed in raceway / conduit
- Fished or embedded in plaster
- Installed in Cable Tray
- As aerial cable on a messenger



Product Index

Price Sheet

Aluminum Clad Type MC Cable With Insulated Green Ground Wire¹

Part Number	Standard Packaging	Trade Size	Outside Diameter	Approx. Weight (per 1000 ft.)
M1142002501	250' coil	14/2	.475	87
M1142010002	1000' reel			
M1143002501	250' coil	14/3	.510	109
M1143010002	1000' reel			
M1144002501	250' coil	14/4	.550	128
M1144010002	1000' reel			
M1122002501	250' coil	12/2	.485	113
M1122010002	1000' reel			
M1123002501	250' coil	12/3	.525	142
M1123010002	1000' reel			
M1124002501	250' coil	12/4	.570	170
M1124010002	1000' reel			
M1102002501	250' coil	10/2	.575	162
M1102010002	1000' reel			
M1103002501	250' coil	10/3	.610	205
M1103010002	1000' reel			
M1104002501	250' coil	10/4	.705	249
M1104010002	1000' reel			
M082502001	200' coil	8/2	.725	263
M082505002	500' reel			
M083502001	200' coil	8/3	.845	345
M083505002	500' reel			
M084502001	200' coil	8/4	.940	418
M084505002	500' reel			
M062501001	100' coil	6/2	.810	373
M062505002	500' reel			
M063501001	100' coil	6/3	.940	477
M063505002	500' reel			
M064501001	100' coil	6/4	1.020	638
M064505002	500' reel			
M042501001	100' coil	4/2	1.015	516
M042505002	500' reel			
M043501001	100' coil	4/3	1.065	708
M043505002	500' reel			
M044501001	100' coil	4/4	1.310	908
M044505002	500' reel			
M033501001	100' coil	3/3	1.100	829
M033505002	500' reel			
M034501001	100' coil	3/4	1.320	1045
M034505002	500' reel			
M023501001	100' coil	2/3	1.270	955
M023505002	500' reel			
M024501001	100' coil	2/4	1.300	1216
M024505002	500' reel			
M013505002	500' reel	1/3	1.360	1189
M014505002	500' reel	1/4	1.460	1494

¹For conductor colors, refer to the Standard Conductor Color Chart on page 23.

