



MC ALUMINUM ARMORED CABLE

COPPER CONDUCTOR *ALUMINUM ARMOR - 600V*



LISTED E-506885

ENGINEERING SPECIFICATIONS

• Standards

Underwriters Laboratories Standards UL-83, UL 1063, UL-1569, UL-1581, UL-2556 for type MC, Federal Specification A-A59544, NEMA RV 1-2014, NEMA WC70/ICEA S-95-658; IEEE 1202 (70,000 Btu/hr) Vertical Cable Tray Flame Test; NFPA 70 (NEC®) Article 330, ARRA 2009 Section 1605 "Buy American" Compliant; RoHS Compliant; MasterSpec Division 26 Sections 260519, 260523; UL Listing #E-301130

APPLICATIONS

Classic Wire Type MC Cable is primarily used for services, feeders, and branch circuits as specified in the 2011 National Electric Code. Type MC cable with Type THHN/THWN-2 conductors may be used in wet or dry locations at temperatures not to exceed 90°C. Used for power and lighting indoors, exposed or concealed, in cable tray where identified for such use; in a raceway, or in dry locations and embedded in plaster or against other masonry. Voltage rating for THHN/THWN-2 conductors is 600V.

CONSTRUCTION

Available in all circuit sizes & intermediate size. Apollon Clad Cable is constructed with soft-drawn copper, Type THHN/THWN-2 conductors rated 90°C dry locations. Sizes 14 AWG through 1 AWG contain a green insulated grounding conductor. Larger sizes are supplied with a bare ground conductor. All conductors are cabled together with separator tape containing the identification print legend to form the cable core. Interlocked aluminum armor is applied over the entire assembly.



THHN/THWN-2 Stranded or
Solid Copper Conductors

Separator Tape

Interlocked Aluminum Armor



THHN/THWN-2 INNERS

Conductors			Overall Diameter (in)	Approximate Net Weight (lbs/1000 ft)	Allowable Ampacity (Amps) ¹		Standard Packaging(ft)	
AWG/No.	Type	Ground			75°C	90°C	Coils	Reels
14/2	Solid	14 AWG Green Insulated	0.409	80	20	25	250'	1000'
14/3	Solid	14 AWG Green Insulated	0.435	97	20	25	250'	1000'
14/4	Solid	14 AWG Green Insulated	0.464	115	20	25	250'	1000'
12/2	Solid	12 AWG Green Insulated	0.487	106	25	30	250'	1000'
12/3	Solid	12 AWG Green Insulated	0.495	132	25	30	250'	1000'
12/4	Solid	12 AWG Green Insulated	0.509	158	25	30	250'	1000'
10/2	Solid	10 AWG Green Insulated	0.510	153	35	40	250'	1000'
10/3	Solid	10 AWG Green Insulated	0.549	193	35	40	250'	1000'
10/4	Solid	10 AWG Green Insulated	0.592	233	35	40	250'	1000'
14/2	Stranded	14 AWG Green Insulated	0.434	76.58	20	25	250'	1000'
14/3	Stranded	14 AWG Green Insulated	0.462	94.09	20	25	250'	1000'
14/4	Stranded	14 AWG Green Insulated	0.493	112.19	20	25	250'	1000'
12/2	Stranded	12 AWG Green Insulated	0.487	110	25	30	250'	1000'
12/3	Stranded	12 AWG Green Insulated	0.495	136	25	30	250'	1000'
12/4	Stranded	12 AWG Green Insulated	0.530	162	25	30	250'	1000'
10/2	Stranded	10 AWG Green Insulated	0.533	158	35	40	250'	1000'
10/3	Stranded	10 AWG Green Insulated	0.574	199	35	40	250'	1000'
10/4	Stranded	10 AWG Green Insulated	0.619	241	35	40	250'	1000'
8/2	Stranded	10 AWG Green Insulated	0.649	215	50	55	200'	500'/1000'
8/3	Stranded	10 AWG Green Insulated	0.705	280	50	55	200'	500'/1000'
8/4	Stranded	10 AWG Green Insulated	0.783	347	50	55	200'	500'/1000'
6/2	Stranded	8 AWG Green Insulated	0.727	307	65	75	125'	500'/1000'
6/3	Stranded	8 AWG Green Insulated	0.820	408	65	75	125'	500'/1000'
6/4	Stranded	8 AWG Green Insulated	0.901	547	65	75	100'	500'/1000'
4/3	Stranded	8 AWG Green Insulated	0.935	584	85	95	100'	500'
4/4	Stranded	8 AWG Green Insulated	1.029	739	85	95	100'	500'
3/3	Stranded	6 AWG Green Insulated	1.018	727	100	115	100'	500'
3/4	Stranded	6 AWG Green Insulated	1.131	919	100	115	100'	500'
2/3	Stranded	6 AWG Green Insulated	1.071	862	115	130	100'	500'
2/4	Stranded	6 AWG Green Insulated	1.195	1100	115	130	100'	500'