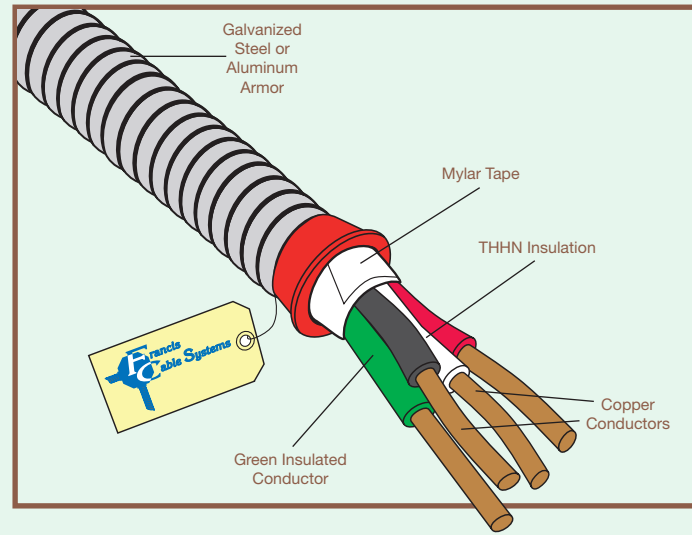


Francis Cable Systems Metal-Clad Cable (MC)

Metal-Clad (MC) Cable produced by Francis Cable Systems is a cost-efficient alternative for pipe-and-wire systems, especially when installing in commercial buildings and places of large public assembly. MC Cable offers unsurpassed reliability and ease of application. Metal-Clad Cable provides greater resistance to mechanical damage, permits design flexibility of cable runs, and simplifies cable rerouting for equipment relocation. The cable handles power, lighting, control and signal circuits. It is ideal where space is limited and maximum performance is demanded.



Francis Cable Systems Metal-Clad (MC) cables are manufactured with the “Mark of Excellence”™

- UL listed and labeled (Standard 1569)
- Conforms to Article 330 of NEC approved wiring method
- Commercial, industrial and utility applications
- Cable tray rated, 600 Volt, 90°C rated
- Handles branch, feeder and service circuits (Articles 230-243)
- For use in theatres (Article 520), motion picture and TV studios (Article 530), and places of assembly with more than 100 people (Article 518)
- For use in Class I, Div. 2, Class II, Div. 2 and Class III, Div. 1 hazardous locations
- Made in the U.S.A. fully pre-assembled and inspected



Metal-Clad Cable applications:

- Commercial buildings, large places of public assembly (auditoriums, churches, museums, gymnasiums, conference rooms, restaurants, etc.), industrial manufacturing and processing plants.
- Secondary feeders in industrial and commercial distribution systems, and for supplying electricity to station auxiliaries in power stations.
- May be used exposed or concealed, in approved raceways or as open run.



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Metal-Clad (MC) Cable Weights and Measurements

With Insulated Green Ground				
AWG Size	Nominal Weight per 1,000 Feet steel / aluminum	Nominal Outer Diameter (inches)	Coil Length in Feet	Reel Length in Feet
14-2 Solid	175 / 90	0.450	250	1,000
14-3 Solid	205 / 110	0.480	250	1,000
14-4 Solid	230 / 130	0.510	250	1,000
12-2 Solid	215 / 120	0.495	250	1,000
12-3 Solid	255 / 150	0.530	250	1,000
12-4 Solid	295 / 180	0.565	250	1,000
10-2 Solid	285 / 170	0.560	250	1,000
10-3 Solid	340 / 215	0.600	250	1,000
10-4 Solid	395 / 260	0.645	250	1,000
8-2 Stranded	450 / 265	0.710	200	500
8-3 Stranded	545 / 335	0.770	200	500
8-4 Stranded	645 / 415	0.835	125	500
6-2 Stranded	590 / 360	0.795	125	500
6-3 Stranded	720 / 470	0.865	125	500
6-4 Stranded	860 / 580	0.945	100	500

Composite Metal Clad Cable Power/Control								
Product Code	Phase Conductors (AWG #)	Neutral Conductors (AWG #)	Ground Wire (AWG #)	Control Wire (AWG #)	Coil Length (feet)	Reel Length (feet)	Nominal O.D. (inches)	Nominal Weight per 1,000 feet (lbs.) (aluminum)
Fm 3000	12-1	12-1	12-1	16-2 *	250	1000	0.525	295

* TFN Conductors