

Home Run Cable®

Type MC Technical Specifications

Armor

Interlocked Galvanized Steel Strip**

Conductors

Solid Copper

Conductor Insulation

THHN/THWN

Assembly Covering

Polypropylene Tape

Maximum Temperature Rating

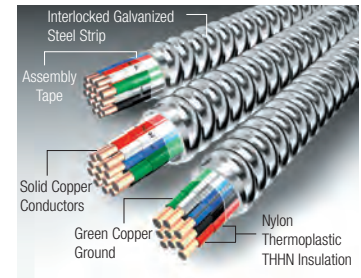
90°C (Dry)

Grounding

Insulated Green Grounding Conductor (Additional Grounding Conductors Optional*)

Maximum Voltage Rating

600V



- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 645
- Federal Specification A-A-59544 (formerly J-C-30B)
- Cable Tray Rated, install per NEC®
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- Conductors must be derated per NEC® Table 310.15(B)(3)(a)
- Made in USA of US and/or imported materials

Product Code Reel	Trade Size	Grounding Conductor AWG	Length (ft) Reel	Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (In)
Home Run Cable®					
120/208V Solid					
1901-45-00	12-6 Solid	12 Solid (Green)	500	292	0.623
1901-60-00	12-6 Solid	12 Solid (Green)	1000	292	0.623
1902-45-00	12-8 Solid	12 Solid (Green)	500	386	0.698
1902-60-00	12-8 Solid	12 Solid (Green)	1000	386	0.698
1911-45-00	10-6 Solid	10 Solid (Green)	500	415	0.713
1911-60-00	10-6 Solid	10 Solid (Green)	1000	415	0.713
1905-45-00	10-8 Solid	10 Solid (Green)	500	565	0.856
1905-60-00	10-8 Solid	10 Solid (Green)	1000	565	0.856
1927-99-00*	10-12 Solid*	10 Solid (Green)	††	761	0.979
1928-99-00*	10-16 Solid*	10 Solid (Green)	††	1006	1.071

NOTE: All dimensions and weights are subject to normal manufacturing tolerances

Non-stock items require lead time and minimum quantity order.

**Aluminum available by special order and subject to lead times and minimum quantities.

* Special order, subject to lead times and minimum quantities.

†† Cut to order.

STOCKING SIZES & COLOR CODES

Conductors	120/208V Colors
6	Black, Black/Silver, Red, Red/Silver, White, White/Silver
8	Black, Black/Silver, Red, Red/Silver, Blue, Blue/Silver, White, White/Silver
12	3 Black, 3 Red, 3 Blue, 3 White; each color numbered 1-3
16	4 Black, 4 Red, 4 Blue, 4 White; each color numbered 1-4

Metal Clad Cable Derating Example

90°C RATED ARMORED CABLE 12 AWG WITH 4 COPPER CONDUCTORS.

- 1) Find conductor ampacity in NEC® Table 310.15(B)(16)
- 12AWG, 90°C = 30 amperes
- 2) Find adjustment factor in NEC® Article 310.15(B)(3)(a)
- 30 x .80 = 24 amperes

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