

Type MCI-A - Interlocked Aluminum Armor

Armor

- Interlocked Aluminum Strip
- Color-Coded Lime Green

Conductors

- Solid Copper

Conductor Insulation

- THHN/THWN w/ Protective Polypropylene Covering

Assembly Covering

- Wrap Free design

Neutral Conductors

- White 120/208V

Grounding

- Dual Grounding Means:
 - (1) Combined Armor and Full-Sized Aluminum Ground/Bond Wire
 - (2) Insulated Green Copper Grounding Conductor

Maximum Voltage Rating

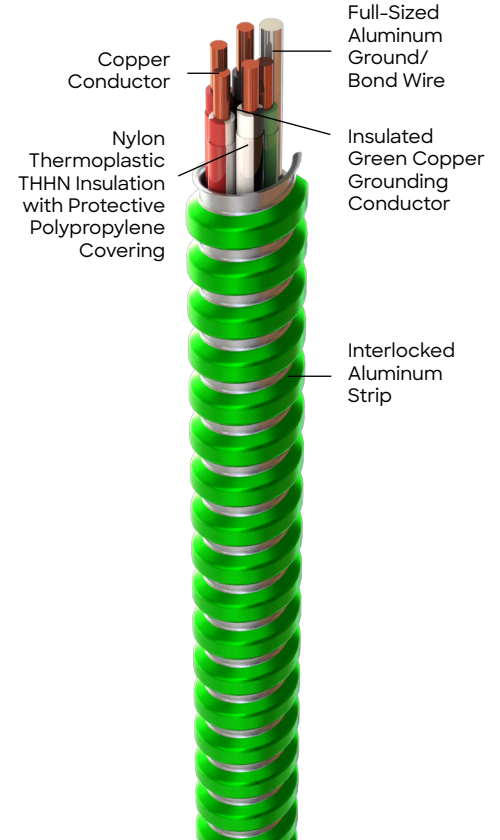
- 600V

Maximum Temperature Rating

- 90°C (Dry)

References & Ratings

- UL 83,1479,1569,1581, 2556, File UL 83,1479,1569,1581, 2556, File Reference E80042
- NEC® 230, 250, 300, 330, 392, 396, 501, 502, 503, 505, 517, 518, 520, 530, 645
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and /or embedded in plaster
- Made in USA of US and /or imported materials
- Aluminum armored cables are RoHS compliant
- U.S. Patent 8,088,977



Conductor					Product Code	Approx. Weight	Approx. Armor O.D.
Trade Size	Phase Conductor AWG (Color)	Neutral Conductor AWG (Color)	Grounding Conductor AWG (Color)	Bare Alum. Ground/Bond Wire AWG	1000' Reel	(lb/1000ft)	(in)
12-4	12-2 Solid (Black, Red)	12-2 Solid (White w/Black Stripe, White w/Red Stripe)	12-1 Solid (Green)	10-1 Solid	7304-60-00	187	0.663
12-6	12-3 Solid (Black, Red, Blue)	12-3 Solid (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe)	12-1 Solid (Green)	10-1 Solid	7305-60-00	256	0.706
10-4	10-2 Solid (Black, Red)	10-2 Solid (White w/Black Stripe, White w/Red Stripe)	10-1 Solid (Green)	8-1 Solid	7307-60-00*	291	0.770
10-6	10-3 Solid (Black, Red, Blue)	10-3 Solid (White w/Black Stripe, White w/Red Stripe, White w/Blue Stripe)	10-1 Solid (Green)	8-1 Solid	7308-60-00	398	0.893

Note: All dimensions and weights are subject to normal manufacturing tolerances. Other conductor colors available by special order.

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

Use With an MCI-A Listed Connectors