

# MC-Stat® & MC-Stat® Lite Cable

## Type MCI-A Cables (120/208V Colors & 277/480V Colors)

### Technical Specifications Healthcare Cables

**Armor**

Interlocked Galvanized Steel Strip or Interlocked Aluminum Strip (Light Green Striped)

**Conductors**

Solid or Stranded Copper

**Conductor Insulation**

Type THHN with Protective Polypropylene Covering on Each Insulated Conductor (No Assembly Tape)

**Maximum Temperature Rating**

90°C (Dry)

**Grounding**

Two Grounding Means - (1) Combined Armor and Full-Sized Aluminum Ground Conductor per NEC® 250.118(10)(b), (2) Full-Sized Green Insulated Copper Grounding Conductor per NEC® 250.118(1)

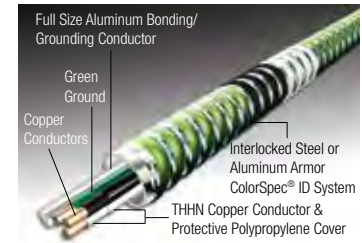
**Neutral Conductor**

White 120/208V

Gray 277/480V

**Maximum Voltage Rating**

600V



**References & Ratings**

- UL 1569, 83, 1479, 1581, 2556, File Reference E80042
- Federal spec A-A-59544 (formerly J-C-30B)
- NEC® 330, 300.22(C), 230.43, 250.118, 392, 396, 501, 502, 503, 530, 518, 520, 645, 690.31(E)
- Meets all OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- NEC® 300.22(C) Environmental Air Handling Spaces
- Cable Tray Rated, install per NEC®
- U.S. Patent No. 8,088,997 B2, No. 8,278,554 B2
- Made in USA of US and/or imported materials

Product Code		Trade Size AWG	Grounding Conductor AWG Color	Bare Alum. Bonding/ Bond Cond. AWG.	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx Armor Nom. O.D. (in)
250' Coil	1000' Reel				Coil	Reel		
<b>MC-Stat® Cable</b>								
<b>120/208V Solid</b>								
7504-42-00	7504-60-00	12-2 Solid (Black, White)	12-Solid (Green)	10	250	1000	160	0.523
7504-42-04	7504-60-04	12-2 Solid (Red, White)	12-Solid (Green)	10	250	1000	160	0.523
7504-42-05	7504-60-05	12-2 Solid (Blue, White)	12-Solid (Green)	10	250	1000	160	0.523
7505-42-00	7505-60-00	12-3 Solid (Black, Red, White)	12-Solid (Green)	10	250	1000	208	0.565
7505-42-04*	7505-60-04*	12-3 Solid (Red, Blue, White)	12-Solid (Green)	10	250	1000	208	0.565
7505-42-05*	7505-60-05*	12-3 Solid (Black, Blue, White)	12-Solid (Green)	10	250	1000	208	0.565
7506-42-00	7506-60-00	12-4 Solid (Black, Red, Blue, White)	12-Solid (Green)	10	250	1000	263	0.618
7507-42-00	7507-60-00	10-2 Solid (Black, White)	10-Solid (Green)	8	250	1000	240	0.601
7508-42-00	7508-60-00	10-3 Solid (Black, Red, White)	10-Solid (Green)	8	250	1000	310	0.651
7509-42-00	7509-60-00	10-4 Solid (Black, Red, Blue, White)	10-Solid (Green)	8	250	1000	407	0.786
<b>277/480V Solid</b>								
7504-42-01	7504-60-01	12-2 Solid (Brown, Gray)	12-Solid (Green)	10	250	1000	160	0.523
7504-42-02	7504-60-02	12-2 Solid (Orange, Gray)	12-Solid (Green)	10	250	1000	160	0.523
7504-42-03	7504-60-03	12-2 Solid (Yellow, Gray)	12-Solid (Green)	10	250	1000	160	0.523
7504-42-07	7504-60-07	12-2 Solid (Purple, Gray)	12-Solid (Green)	10	250	1000	160	0.523
7505-42-01	7505-60-01	12-3 Solid (Brown, Orange, Gray)	12-Solid (Green)	10	250	1000	208	0.565
7505-42-02*	7505-60-02*	12-3 Solid (Orange, Yellow, Gray)	12-Solid (Green)	10	250	1000	208	0.565
7505-42-03*	7505-60-03*	12-3 Solid (Brown, Yellow, Gray)	12-Solid (Green)	10	250	1000	208	0.565
7506-42-01	7506-60-01	12-4 Solid (Brown, Orange, Yellow, Gray)	12-Solid (Green)	10	250	1000	208	0.565
<b>MC-Stat® Lite Cable</b>								
<b>120/208V Solid</b>								
5804-42-00	5804-60-00	12-2 Solid (Black, White)	12-Solid (Green)	10	250	1000	122	0.523
5804-42-04	5804-60-04	12-2 Solid (Red, White)	12-Solid (Green)	10	250	1000	122	0.523
5804-42-05	5804-60-05	12-2 Solid (Blue, White)	12-Solid (Green)	10	250	1000	122	0.523
5805-42-00	5805-60-00	12-3 Solid (Black, Red, White)	12-Solid (Green)	10	250	1000	152	0.565
5805-42-04	5805-60-04	12-3 Solid (Red, Blue, White)	12-Solid (Green)	10	250	1000	152	0.565
5805-42-05	5805-60-05	12-3 Solid (Black, Blue, White)	12-Solid (Green)	10	250	1000	152	0.565
5806-42-00	5806-60-00	12-4 Solid (Black, Red, Blue, White)	12-Solid (Green)	10	250	1000	200	0.618
5807-42-00	5807-60-00	10-2 Solid (Black, White)	10-Solid (Green)	8	250	1000	178	0.601
5808-42-00	5808-60-00	10-3 Solid (Black, Red, White)	10-Solid (Green)	8	250	1000	242	0.651
5809-42-00	5809-60-00	10-4 Solid (Black, Red, Blue, White)	10-Solid (Green)	8	250	1000	301	0.786
<b>277/480V Solid</b>								
5804-42-01	5804-60-01	12-2 Solid (Brown, Gray)	12-Solid (Green)	10	250	1000	122	0.523
5804-42-02	5804-60-02	12-2 Solid (Orange, Gray)	12-Solid (Green)	10	250	1000	122	0.523
5804-42-03	5804-60-03	12-2 Solid (Yellow, Gray)	12-Solid (Green)	10	250	1000	122	0.523
5804-42-07	5804-60-07	12-2 Solid (Purple, Gray)	12-Solid (Green)	10	250	1000	122	0.523
5805-42-01	5805-60-01	12-3 Solid (Brown, Orange, Gray)	12-Solid (Green)	10	250	1000	152	0.565
5806-42-01	5806-60-01	12-4 Solid (Brown, Orange, Yellow, Gray)	12-Solid (Green)	10	250	1000	200	0.618
<b>120/208V Stranded</b>								
5858-42-00	5858-60-00	12-2 Stranded (Black, White)	12-Stranded (Green)	10	250	1000	127	0.539
5858-42-04*	5858-60-04*	12-2 Stranded (Red, White)	12-Stranded (Green)	10	250	1000	127	0.539
5858-42-05*	5858-60-05*	12-2 Stranded (Blue, White)	12-Stranded (Green)	10	250	1000	127	0.539
5859-42-00	5859-60-00	12-3 Stranded (Black, Red, White)	12-Stranded (Green)	10	250	1000	158	0.565
5859-42-04*	5859-60-04*	12-3 Stranded (Red, Blue, White)	12-Stranded (Green)	10	250	1000	158	0.565
5859-42-05*	5859-60-05*	12-3 Stranded (Black, Blue, White)	12-Stranded (Green)	10	250	1000	158	0.565
5860-42-00	5860-60-00	12-4 Stranded (Black, Red, Blue, White)	12-Stranded (Green)	10	250	1000	210	0.645

NOTE: All dimensions and weights are subject to normal manufacturing tolerances.  
\* Special Order, subject to lead times and minimum order quantities.

USE WITH AN MCI-A LISTED CONNECTOR.