

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)

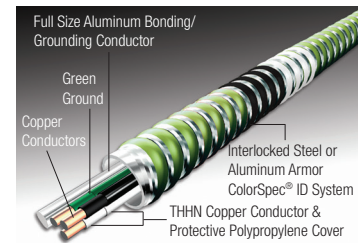
Neutral Conductor

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, 517, 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		
MC-Stat® Cable								
120/208V Solid								
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
277/480V Solid								
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
MC-Stat® Lite Cable								
120/208V Solid								
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
277/480V Solid								
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
120/208V Stranded								
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
277/480V Stranded								
5858-42-01	5858-60-01	12-2 Stranded (Brown, Gray)	12-Stranded (Green)	10	250	1000	127	0.539

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.