

MC-Stat® & MC-Stat® Lite Cable

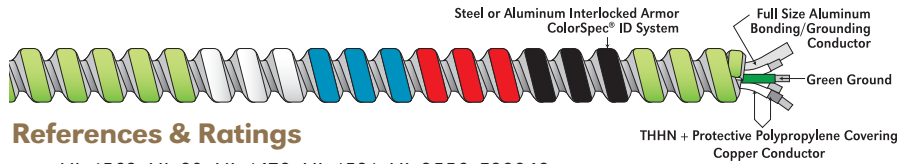
MCI-A Cables (Steel or Aluminum) (120/208V & 480Y/277V)

Technical Specifications Healthcare Cables



Specification Description

Specification	MC-Stat® & MC-Stat® Lite
Armor	Galvanized Interlocking Steel or Aluminum Strip (light green striped)
Conductors	Solid/Stranded Copper
Conductor Insulation	Type THHN with protective polypropylene covering on each insulated conductor (no messy assembly tape)
Max. Temp. Rating	90°C (dry)
Grounding	Two grounding means - (1) armor PLUS full-sized aluminum ground conductor, (2) Full-sized green insulated copper grounding conductor NEC® 250.118(10)(b)
Neutral Conductor	White 120/208V - Grey 277/480V
Max. Voltage Rating	600V



References & Ratings

- UL 1569, UL 83, UL 1479, UL 1581, UL 2556, E80042
- Federal spec A-A-59544 (formerly J-C-30B)
- NEC® 330, 300.22(C), 230.43, 250.118, 392, 396, 503, 530, 517, 518, 520, 645
- Permitted for use in Cable Trays
- 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, R-14141
- NEC® 300.22(C) Environmental Air Handling Spaces
- Cable Tray Rated, install per NEC®
- Patent Pending
- Made in USA of US and/or imported materials



Product Codes, Trade Sizes, Conductors, Packaging & Weights

Product Code No. 250' Coil	Product Code No. 1000' Reel	Trade Size AWG	Copper Cond. Type	Conductor Colors	Grounding Conductor AWG Color	Bare Alum. Bonding/Bond Cond. AWG	Cable Nominal O.D. (in)	Approx. Weight 1000 Ft. (lbs.)
MC-Stat® Cable								
120/208V Solid								
7504-42-00	7504-60-00	12/2	solid	black, white	12/green	10	0.523	160
7504-42-04	7504-60-04	12/2	solid	red, white	12/green	10	0.523	160
7504-42-05	7504-60-05	12/2	solid	blue, white	12/green	10	0.523	160
7505-42-00	7505-60-00	12/3	solid	black, red, white	12/green	10	0.565	208
7505-42-04	7505-60-04	12/3	solid	red, blue, white	12/green	10	0.565	208
7505-42-05	7505-60-05	12/3	solid	black, blue, white	12/green	10	0.565	208
7506-42-00	7506-60-00	12/4	solid	black, red, blue, white	12/green	10	0.618	263
7507-42-00	7507-60-00	10/2	solid	black, white	10/green	8	0.601	240
7508-42-00	7508-60-00	10/3	solid	black, red, white	10/green	8	0.651	310
7509-42-00	7509-60-00	10/4	solid	black, red, blue, white	10/green	8	0.786	407
277/480V Solid								
7504-42-01	7504-60-01	12/2	solid	brown, gray	12/green	10	0.523	160
7504-42-02	7504-60-02	12/2	solid	orange, gray	12/green	10	0.523	160
7504-42-03	7504-60-03	12/2	solid	yellow, gray	12/green	10	0.523	160
7504-42-07	7504-60-07	12/2	solid	purple, gray	12/green	10	0.523	160
7505-42-01	7505-60-01	12/3	solid	brown, orange, gray	12/green	10	0.565	208
7505-42-02	7505-60-02	12/3	solid	orange, yellow, gray	12/green	10	0.565	208
7505-42-03	7505-60-03	12/3	solid	brown, yellow, gray	12/green	10	0.565	208
7505-42-07	7505-60-07	12/3	solid	purple, brown, gray	12/green	10	0.565	208
7505-42-27	7505-60-27	12/3	solid	purple, yellow, gray	12/green	10	0.565	208
7506-42-01	7506-60-01	12/4	solid	brown, orange, yellow, gray	12/green	10	0.618	263
7506-42-07	7506-60-07	12/4	solid	purple, brown, yellow, gray	12/green	10	0.618	263
MC-Stat® Lite Cable								
120/208V Solid								
5804-42-00	5804-60-00	12/2	solid	black, white	12/green	10	0.523	122
5804-42-04	5804-60-04	12/2	solid	red, white	12/green	10	0.523	122
5804-42-05	5804-60-05	12/2	solid	blue, white	12/green	10	0.523	122
5805-42-00	5805-60-00	12/3	solid	black, red, white	12/green	10	0.565	152
5805-42-04	5805-60-04	12/3	solid	red, blue, white	12/green	10	0.565	152
5805-42-05	5805-60-05	12/3	solid	black, blue, white	12/green	10	0.565	152
5806-42-00	5806-60-00	12/4	solid	black, red, blue, white	12/green	10	0.618	200
5807-42-00	5807-60-00	10/2	solid	black, white	10/green	8	0.601	178
5808-42-00	5808-60-00	10/3	solid	black, red, white	10/green	8	0.651	242
5809-42-00	5809-60-00	10/4	solid	black, red, blue, white	10/green	8	0.786	301
277/480V Solid								
5804-42-01	5804-60-01	12/2	solid	brown, gray	12/green	10	0.523	122
5804-42-02	5804-60-02	12/2	solid	orange, gray	12/green	10	0.523	122
5804-42-03	5804-60-03	12/2	solid	yellow, gray	12/green	10	0.523	122
5804-42-07	5804-60-07	12/2	solid	purple, gray	12/green	10	0.523	122
5805-42-01	5805-60-01	12/3	solid	brown, orange, gray	12/green	10	0.565	152
5806-42-01	5806-60-01	12/4	solid	brown, orange, yellow, gray	12/green	10	0.618	200
120/208V Stranded								
5858-42-00	5858-60-00	12/2	stranded	black, white	12/green	10	0.539	127
5858-42-04	5858-60-04	12/2	stranded	red, white	12/green	10	0.539	127
5858-42-05	5858-60-05	12/2	stranded	blue, white	12/green	10	0.539	127
5859-42-00	5859-60-00	12/3	stranded	black, red, white	12/green	10	0.565	158
5859-42-04	5859-60-04	12/3	stranded	red, blue, white	12/green	10	0.565	158
5859-42-05	5859-60-05	12/3	stranded	black, blue, white	12/green	10	0.565	158
5860-42-00	5860-60-00	12/4	stranded	black, red, blue, white	12/green	10	0.645	210
277/480V Stranded								
5858-42-01	5858-60-01	12/2	stranded	brown, gray	12/green	10	0.539	127
5859-42-01	5859-60-01	12/3	stranded	brown, orange, gray	12/green	10	0.565	158
5860-42-01	5860-60-01	12/4	stranded	brown, orange, yellow, gray	12/green	10	0.645	211

NOTE: All dimensions and weights are subject to normal manufacturing tolerances. **WARNING: DO NOT RE-IDENTIFY CONDUCTOR COLORS.**

SEE CONNECTOR MCI-A CROSS-REFERENCE GUIDE FOR ASSISTANCE IN SELECTING AN MCI-A LISTED CONNECTOR.