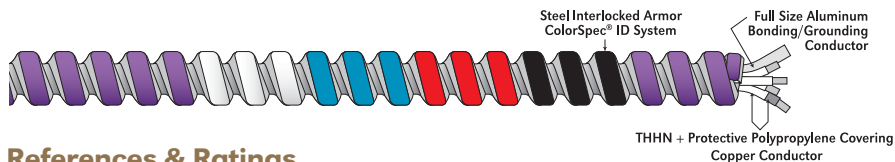


MC-Quik® Steel Armor Cable – MCI-A Cables (120/208V & 480Y/277V) Technical Specifications



Specification Description

Specification	MC-Quik®
Armor	Galvanized Interlocking Steel Strip (purple striped)
Conductors	Solid/Stranded Copper
Conductor Insulation	Type THHN with protective polypropylene covering on each insulated conductor (no messy assembly tape)
Maximum Temperature Rating	90°C (dry)
Grounding	One grounding means - armor PLUS full-sized aluminum ground/bond conductor NEC® 250.118(10)(b)
Neutral Conductor	White 120/208V - Gray 277/480V
Maximum 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, 501, 502, 503, 530, 518, 520, 645, 690.31(E)
- 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.		Trade Size AWG	Copper Cond. Type	Conductor Colors	Bare Alum. Bonding/Bond Cond. AWG	Cable Nominal O.D. (in)	Approx. Weight 1000 Ft. (lbs.)
250' Coil	1000' Reel						
MC-Quik® Cable							
120/208V solid							
7701-42-00	7701-60-00	14/2	Solid	(black,white)	12	0.422	93
7702-42-00	7702-60-00	14/3	Solid	(black,red, white)	12	0.467	120
7703-42-00	7703-60-00	14/4	Solid	(black, red, blue, white)	12	0.503	144
7704-42-00	7704-60-00	12/2	Solid	(black, white)	10	0.463	122
7704-42-04	7704-60-04	12/2	Solid	(red, white)	10	0.463	122
7704-42-05	7704-60-05	12/2	Solid	(blue, white)	10	0.463	122
7705-42-00	7705-60-00	12/3	Solid	(black, red, white)	10	0.523	159
7705-42-04	7705-60-04	12/3	Solid	(red, blue, white)	10	0.523	159
7705-42-05	7705-60-05	12/3	Solid	(black, blue, white)	10	0.523	159
7706-42-00	7706-60-00	12/4	Solid	(black, red, blue, white)	10	0.565	208
7707-42-00	7707-60-00	10/2	Solid	(black, white)	8	0.525	182
7707-42-04	7707-60-04	10/2	Solid	(red, white)	8	0.525	182
7707-42-05	7707-60-05	10/2	Solid	(blue, white)	8	0.525	182
7708-42-00	7708-60-00	10/3	Solid	(black, red, white)	8	0.601	240
7708-42-04	7708-60-04	10/3	Solid	(red, blue, white)	8	0.601	240
7708-42-05	7708-60-05	10/3	Solid	(blue, black, white)	8	0.601	240
7709-42-00	7709-60-00	10/4	Solid	(black, red, blue, white)	8	0.651	309
120/208V Stranded							
7758-42-00	7758-60-00	12/2	Stranded	(black, white)	10	0.482	127
7759-42-00	7759-60-00	12/3	Stranded	(black, red, white)	10	0.539	166
277/480V Solid							
7704-42-01	7704-60-01	12/2	Solid	(brown, gray)	10	0.463	122
7704-42-02	7704-60-02	12/2	Solid	(orange, gray)	10	0.463	122
7704-42-03	7704-60-03	12/2	Solid	(yellow, gray)	10	0.463	122
7704-42-07	7704-60-07	12/2	Solid	(purple, gray)	10	0.463	122
7705-42-01	7705-60-01	12/3	Solid	(brown, orange, gray)	10	0.523	159
7705-42-02	7705-60-02	12/3	Solid	(orange, yellow, gray)	10	0.523	159
7706-42-01	7706-60-01	12/4	Solid	(brown, orange, yellow, gray)	10	0.565	208
7707-42-01	7707-60-01	10/2	Solid	(brown, gray)	8	0.525	182
7707-42-02	7707-60-02	10/2	Solid	(orange, gray)	8	0.525	182
7707-42-03	7707-60-03	10/2	Solid	(yellow, gray)	8	0.525	182
7707-42-07	7707-60-07	10/2	Solid	(purple, gray)	8	0.525	182
7708-42-01	7708-60-01	10/3	Solid	(brown, orange, gray)	8	0.601	240
7708-42-02	7708-60-02	10/3	Solid	(orange, yellow, gray)	8	0.601	240
7708-42-03	7708-60-03	10/3	Solid	(yellow, brown, gray)	8	0.601	240
7708-42-07	7708-60-07	10/3	Solid	(purple, brown, gray)	8	0.601	240
7709-42-01	7709-60-01	10/4	Solid	(brown, orange, yellow, gray)	8	0.651	309
7709-42-07	7709-60-07	10/4	Solid	(purple, brown, yellow, gray)	8	0.651	309

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

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