

MC-Quik® Steel Armored Cable

Type MCI-A Cables (120/208V & 277/480V) Technical Specifications

Armor

Interlocked Galvanized Steel Strip (Purple Striped)

Conductors

Solid/Stranded Copper

Conductor Insulation

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

Maximum Temperature Rating

90°C (Dry)

Grounding

Combined Armor and 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, 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®
- US 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	Bare Alum. Bonding/Bond Cond. AWG	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Armor Nom. O.D. (in)
250' Coil	1000' Reel			Coil	Reel		
MC-Quik® Steel Armor Cable							
120/208V Solid							
7704-42-00	7704-60-00	12-2 Solid (Black, White)	10	250	1000	122	0.463
7704-42-04*	7704-60-04*	12-2 Solid (Red, White)	10	250	1000	122	0.463
7704-42-05*	7704-60-05*	12-2 Solid (Blue, White)	10	250	1000	122	0.463
7705-42-00	7705-60-00	12-3 Solid (Black, Red, White)	10	250	1000	159	0.523
7705-42-04*	7705-42-04*	12-3 Solid (Red, Blue, White)	10	250	1000	159	0.523
7705-42-05*	7705-60-05*	12-3 Solid (Black, Blue, White)	10	250	1000	159	0.523
7706-42-00	7706-60-00	12-4 Solid (Black, Red, Blue, White)	10	250	1000	208	0.565
7707-42-00	7707-60-00	10-2 Solid (Black, White)	8	250	1000	182	0.525
7707-42-04*	7707-60-04*	10-2 Solid (Red, White)	8	250	1000	182	0.525
7707-42-05*	7707-60-05*	10-2 Solid (Blue, White)	8	250	1000	182	0.525
7708-42-00	7708-60-00	10-3 Solid (Black, Red, White)	8	250	1000	240	0.601
7708-42-04*	7708-60-04*	10-3 Solid (Red, Blue, White)	8	250	1000	240	0.601
7708-42-05*	7708-60-05*	10-3 Solid (Blue, Black, White)	8	250	1000	240	0.601
7709-42-00	7709-60-00	10-4 Solid (Black, Red, Blue, White)	8	250	1000	309	0.651
120/208V Stranded							
7758-42-00*	7758-60-00*	12-2 Stranded (Black, White)	10	250	1000	127	0.482
277/480V Solid							
7704-42-01	7704-60-01	12-2 Solid (Brown, Gray)	10	250	1000	122	0.463
7704-42-02*	7704-60-02*	12-2 Solid (Orange, Gray)	10	250	1000	122	0.463
7704-42-03*	7704-60-03*	12-2 Solid (Yellow, Gray)	10	250	1000	122	0.463
7704-42-07*	7704-60-07*	12-2 Solid (Purple, Gray)	10	250	1000	122	0.463
7705-42-01	7705-60-01	12-3 Solid (Brown, Orange, Gray)	10	250	1000	159	0.523
7705-42-02*	7705-60-02*	12-3 Solid (Orange, Yellow, Gray)	10	250	1000	159	0.523
7705-42-03*	7705-60-03*	12-3 Solid (Brown, Yellow, Gray)	10	250	1000	159	0.523
7705-42-07*	7705-60-07*	12-3 Solid (Brown, Purple, Gray)	10	250	1000	159	0.523
7706-42-01	7706-60-01	12-4 Solid (Brown, Orange, Yellow, Gray)	10	250	1000	208	0.565
7707-42-01	7707-60-01	10-2 Solid (Brown, Gray)	8	250	1000	182	0.525
7707-42-02*	7707-60-02*	10-2 Solid (Orange, Gray)	8	250	1000	182	0.525
7707-42-03*	7707-60-03*	10-2 Solid (Yellow, Gray)	8	250	1000	182	0.525
7708-42-01	7708-60-01	10-3 Solid (Brown, Orange, Gray)	8	250	1000	240	0.601
7708-42-02*	7708-60-02*	10-3 Solid (Orange, Yellow, Gray)	8	250	1000	240	0.601
7708-42-03*	7708-60-03*	10-3 Solid (Brown, Yellow, Gray)	8	250	1000	240	0.601
7709-42-01	7709-60-01	10-4 Solid (Brown, Yellow, Orange, Gray)	8	250	1000	309	0.651

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

* Subject to minimums and lead times.

USE WITH AN MCI-A LISTED CONNECTOR.