

MC TUFF® IG Isolated Ground Steel Armored Cable

Lightweight Traditional Type MC Technical Specifications

Armor

Interlocked Galvanized Steel Strip (Blue Striped) with ColorSpec® ID

Conductors

Solid or Stranded Copper

Conductor Insulation

THHN/THWN

Assembly Covering

Polypropylene Tape

Maximum Temperature Rating

90°C (Dry)

Grounding

2 Solid or Stranded Grounding Conductors, Green, Green with Yellow stripe

Neutral Conductor

White 120/208V

Maximum Voltage Rating

600V



References & Ratings

- UL 83, 1479, 1569, 1581, 2556, File Reference E80042
- NEC® 230.43, 250.118, 300.22(C), 392, 396, 330, 501, 502, 503, 530, 504, 505, 518, 520, 530, 645
- Cable Tray Rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD Requirements
- UL Classified 1, 2, and 3 hour through (Fire) penetration product, R14141
- Environmental Air-Handling Space Installation per NEC® 300.22(C)
- U.S. Patent No. 8,278,554 B2
- Made in USA of US and/or imported materials

Product Code No.		Trade Size	Grounding Conductor AWG	Length (ft)		Approx. Weight/ 1,000ft (lbs)	Approx. Armor O.D. (in)
Coil	Reel			Coil	Reel		
MCTUFF® IG Isolated Ground Steel Cable							
120/208V Solid Conductors							
1705B42T80	1705B60T80	12-2 Solid (Black, White)	12 Solid (Green, Green/Yellow)	250	1000	186	0.530
1706B42T80	1706B60T80	12-3 Solid (Black, Red, White)	12 Solid (Green, Green/Yellow)	250	1000	223	0.565
1710B42T80	1710B60T80	12-4 Solid (Black, Blue, Red, White)	12 Solid (Green, Green/Yellow)	250	1000	335	0.580
1708B42T80	1708B60T80	10-2 Solid (Black, White)	10 Solid (Green, Green/Yellow)	250	1000	268	0.600
1709B42T80	1709B60T80	10-3 Solid (Black, Red, White)	10 Solid (Green, Green/Yellow)	250	1000	313	0.645
1711B42T80	1711B60T80	10-4 Solid (Black, Red, Blue, White)	10 Solid (Green, Green/Yellow)	250	1000	450	0.670
1705B42T84	1705B60T84	12-2 Solid (Red, White)	12 Solid (Green, Green/Yellow)	250	1000	186	0.530
1705B42T85	1705B60T85	12-2 Solid (Blue, White)	12 Solid (Green, Green/Yellow)	250	1000	186	0.530
1708B42T84	1708B60T84	10-2 Solid (Red, White)	10 Solid (Green, Green/Yellow)	250	1000	268	0.600
1708B42T85	1708B60T85	10-2 Solid (Blue, White)	10 Solid (Green, Green/Yellow)	250	1000	268	0.600
120/208V Stranded Conductors							
1759B42T80	1759B60T80	12-2 Stranded (Black, White)	12 Stranded (Green, Green/Yellow)	250	1000	191	0.530

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

SET SCREW CONNECTORS MAY BE USED WITH STEEL CABLES.