

MC Glide Fire Alarm/Control Cable®

Dual Rated - Type MC/FPLP - Interlocked Galvanized Steel Armor



Armor

- Interlocked Galvanized Steel Strip Color-Coded Red³

Conductors

- Solid Copper

Conductor Insulation

- TFN (16 AWG)
- THHN (14 & 12 AWG)

Assembly Covering

- Polyester Tape
- Aluminum/Polyester Tape Shield w/ Tinned Copper Drain Wire⁴

Grounding

- Insulated Green or Bare Copper Grounding Conductor

Maximum Voltage Rating

- Dual Rated: 600V
- FPLP: 300V

Maximum Temperature Rating

- MC: 90°C (Dry)
- FPLP: 105°C (Dry)

References & Ratings

- UL 66, 83, 1424, 1479, 1569, 1581, 2556, File Reference E80042 & E83514
- NEC® 300.22(C), 330, 392, 430.2, 501, 502, 503, 504, 505, 518, 530, 645, 725, 760.154(A)
- NEC® 300.22 (C) Other Spaces Used For Environmental Air (Plenums)
- NFPA 262 (formerly UL 910) Plenum Rated - Type FPLP
- UL classified 1, 2, and 3, hour through (Fire) penetration product R14141
- Cable tray rated, install per NEC®
- Federal Specification A-A-59544 (formerly J-C-30B)
- Meets all applicable OSHA and HUD requirements
- May be surface mounted, fished and/or embedded in plaster
- Made in USA of US and/or imported materials
- U.S. Patent 11,996,215 | U.S. Patent 12,170,157 | U.S. Patent 12,165,791 | U.S. Design Patent D935,731 | U.S. Design Patent D996,374 | U.S. Design Patent D1,015,280



Conductor		Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Unshielded					
16-2 Solid (Black, White)	16-1 Solid (Bare)	SF10R42-00	SF10R60-00	122	0.435
16-4 Solid (Black, Red, Blue, White)	16-1 Solid (Bare)	SF13R42-00	SF13R60-00	143	0.435
14-2 Solid (Black, White)	14-1 Solid (Green)	SF34R42-00	SF34R60-00	143	0.435
14-2 Solid (Blue, White) ³	14-1 Solid (Green)	SF34R42B05	SF34R60B05	143	0.435
14-2 Solid (Black, Red) ³	14-1 Solid (Green)	SF34R42K06	SF34R60K06	143	0.435
14-2 Solid (Orange, Yellow) ³	14-1 Solid (Green)	SF34R42T23	SF34R60T23	143	0.435
14-2 Solid (Brown, Purple) ³	14-1 Solid (Green)	SF34R42T37	SF34R60T37	143	0.435
14-4 Solid (Black, Red, Blue, White)	14-1 Solid (Green)	SF37R42-00	SF37R60-00	185	0.490
14-4 Solid (Blue, Blue ² , White, White ²) ³	14-1 Solid (Green)	SF37R42B05	SF37R60B05	185	0.490
14-4 Solid (Black, Black ² , Red, Red ²) ³	14-1 Solid (Green)	SF37R42K06	SF37R60K06	185	0.490
12-2 Solid (Black, White)	12-1 Solid (Green)	SF35R42-00	SF35R60-00	174	0.475
12-2 Solid (Blue, White) ³	12-1 Solid (Green)	SF35R42B05	SF35R60B05	174	0.475

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Trade Size (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Shielded					
14-2 Solid (TSP) (Black, White) ¹	14-1 Solid (Green)	SF28R42-00	SF28R60-00	176	0.565
14-2 Solid (TSP) (Blue, White) ^{1,3}	14-1 Solid (Green)	---	SF28R60-05	176	0.565
14-2 Solid (TSP) (Black, Red) ^{1,3}	14-1 Solid (Green)	---	SF28R60-06	176	0.565
14-4 Solid (2 TSP) (Black, Red) (Blue, White) ¹	14-1 Solid (Green)	SF81R42-00	SF81R60-00	245	0.687
16-2 Solid (TSP) (Blue, White)	16-1 Solid (Green)	SF95R42-00	SF95R60-00	142	0.475
16-2 Solid (TSP) (Blue, White) ^{1,3}	16-1 Solid (Green)	SF95R42B05	SF95R60B05	142	0.475
16-2 Solid (TSP) (Black, Red) ^{1,3}	16-1 Solid (Green)	SF95R42K06	SF95R60K06	142	0.475
Composite					
16-2 Solid (TSP) (Black, White) ¹ / 12-2 Solid (Black, Red)	12-1 Solid (Green)	---	SF91R60-00	236	0.606
16-2 Solid (TP) (Blue, Red) / 14-2 Solid (TP) (Black, White)	14-1 Solid (Green)	---	SF92R60-00	211	0.636

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

Special orders are subject to lead times and minimum order quantities.

¹All drain wires are 18AWG tinned Copper in TSP construction

²One conductor insulation has identifying stripe

³Armored is red w/ Phase ID

⁴Shielded configurations