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

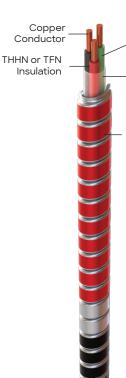
- · Dual Rated: 600V
- · FPLP: 300V

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



Insulated Green Copper Grounding Conductor Assembly Tape

Interlocked Galvanized Steel Strip

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, Blue², White, White²)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				

Continues on next page

www.atkore.com ECFC-SPEC-6387-2504

MC Glide Fire Alarm/Control Cable®



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

Conductor		Product Code		Approx. Weight	Approx. Armor O.D.				
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