

Fire Alarm/Control Cable - Dual Rated

Type MC/FPLP - Interlocked Galvanized Steel Armor



Armor

- Interlocked Galvanized Steel Strip Color-Coded Red

Conductors

- Solid Copper

Conductor Insulation

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

Assembly Covering

- Polyester Tape
- Aluminum/Polyester Tape Shield w/ Tinned Copper Drain Wire²

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



Conductor		Product Code		Approx. Weight	Approx. Armor O.D.
Trade Size (Color)	Grounding Conductor AWG (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)
Twisted Shielded Pairs					
16-2 Solid (TSP) (Black, White) ¹ / 12-2 Solid (Black, Red)	12-1 Solid (Green)	—	4901R60-00	236	0.606
16-2 Solid (TP) (Blue, Red) / 14-2 Solid (TP) (Black, White)	14-1 Solid (Green)	—	4910R60-00	211	0.636
14-2 Solid (TSP) (Black, White) ¹	14-1 Solid (Green)	1828R42-00	1828R60-00	176	0.565
14-2 Solid (TSP) (Blue, White) ¹	14-1 Solid (Green)	—	1828R60-05 [^]	176	0.565
14-2 Solid (TSP) (Black, Red) ¹	14-1 Solid (Green)	—	1828R60-06 [^]	176	0.565
14-4 Solid (2 TSP) (Black, Red) (Blue, White) ¹	14-1 Solid (Green)	1881R42-00	1881R60-00	245	0.687

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

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

¹Tinned Copper Drain Wire

²Shielded configurations

[^]Armored is red w/ Phase ID