

Glide Power Limited Fire Alarm® Cable

Type FPLP - Interlocked Galvanized Steel Armor

Armor

- Interlocked Galvanized Steel Strip Color-Coded Red

Conductors

- Solid Copper

Conductor Insulation

- Low-Smoke Plenum PVC Insulation
- Aluminum/Polyester Tape Shield w/ Tinned Copper Drain Wire²

Jacket

- Red Plenum-Rated Low Smoke PVC
- Nylon Ripcord for Ease of Jacket Stripping

Maximum Voltage Rating

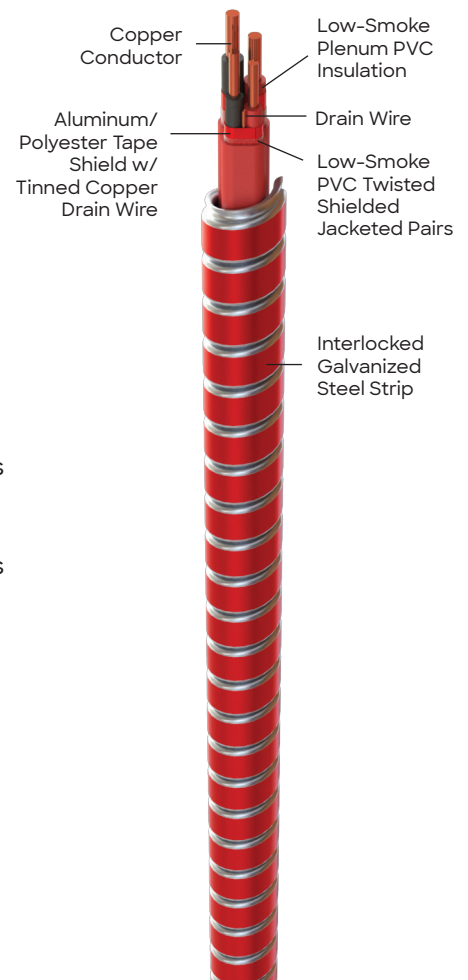
- 300V

Maximum Continuous Operating Temperature

- 10°C to 75°C

References & Ratings

- Manufactured in accordance with UL 1424 - Standard for Power-Limited Fire-Alarm Circuits and Listed under UL File Number E83514
- UL Classified Through-Penetrating product (XHLY) in accordance with UL 1479 under UL File Number R14141
- For use in accordance with NEC® Article 760 Part III Power-Limited Fire Alarm (PLFA) Circuits and other applicable sections of the NEC®
- Suitable for use as taps for fire and sprinkler alarms in accordance with NEC® 230.82(5)
- Suitable for use in Health Care Facilities Patient Care Spaces in accordance with NEC® 517.80
- Suitable for use in Health Care Facilities for other than Patient Care Spaces in accordance with NEC® 517.81
- Suitable for connection to the life safety branch in accordance with NEC® 517.33(C) AND 517.43(C)
- 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.	Capacitance	Impedance (Ω)	Twist
Trade Size (Color)	250' Coils	1000' Reel	(lb/1000ft)	(in)	pF/foot	Per 1000ft @ 20C	per Foot
Unshielded							
18-2 Solid TPJ (Black, Red)	SP01R42-06	SP01R60-06	111	0.425	31	59	2.0
18-4 Solid TPJ (Black, Red, Blue, Yellow)	SP03R42-46	SP03R60-46	124	0.425	24	59	2.4
16-2 Solid TPJ (Black, Red)	SP10R42-06	SP10R60-06	118	0.425	27	54	2.0
14-2 Solid TPJ (Black, Red)	SP34R42-06	SP34R60-06	129	0.425	25	52	2.7
Shielded							
18-2 Solid TSPJ (Black, Red) ¹	SP50R42-06	SP50R60-06	114	0.425	71	29	4.8
16-2 Solid TSPJ (Black, Red) ¹	SP60R42-06	SP60R60-06	120	0.425	69	30	4.8
14-2 Solid TSPJ (Black, Red) ¹	SP28R42-06	SP28R60-06	132	0.425	89	25	4.0
Composite							
18-2 Solid TSPJ (Black, Red) ¹ 14-2 Solid TSPJ (Black, Red) ¹	SP27R42-06	SP27R60-06	171	0.515	----	----	18-2 (TSPJ) = 4.8 14-2 (TSPJ) = 4
16-2 Solid TPJ (Black, Red) 14-2 Solid TPJ (Black, Red)	SP40R42-06	SP40R60-06	172	0.515	----	----	16-2 (TPJ) = 2.0 14-2 (TPJ) = 2.67
16-2 Solid TSPJ (Black, Red) ¹ 14-2 Solid TPJ (Black, Red)	SP91R42-06	SP91R60-06	174	0.520	----	----	16-2 (TSPJ) = 4.8 14-2 (TPJ) = 2.67
16-2 Solid TSPJ (Black, Red) ¹ 14-3 Solid (Black, White, Green)	SPGGR42-00	SPGGR60-00	187	0.515	----	----	16-2 (TSPJ) = 4.8

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