

# POWER LIMITED FIRE PROTECTIVE SIGNAL CABLE - SHIELDED 150°C PLENUM

(UL) FPLP - Also Classified New York City Certified Fire Alarm Cable - 300 Volt (Formally known as Local Laws 5)

## Construction

### Conductor:

- Fully annealed **solid** bare copper per ASTM B-3.

### Insulation:

- Color coded fluorocopolymer. (PVDF, Halar or Solef)

### Shield:

- 100% aluminum/polyester, 25% overlap, foil facing out.
- Stranded tinned copper drain wire.

### Jacket:

- Fluorocopolymer, **red** color, 150°C. (PVDF, Halar or Solef)
- Regular Capacitance.\*\*

### Applications:

- Inside/outside fire and burglar alarm systems.
- Smoke detection systems.
- Voice and digital communications systems.
- Max recommended voltage: 300 V.

### Features:

- Installation in air plenums without the use of conduit.
- Passes Steiner Tunnel Low Smoke and Flame Test.
- Outstanding oil and moisture resistance.
- Excellent electrical and mechanical properties.
- 40°C to +150°C.
- FPLP 150°C, FT-6.
- ROHS.

### Industry Approvals:

- UL Subject 910, Smoke and Flame Test.
- NEC Article 760.

### Packaging:

- 1000 ft. spools.



CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	STRAND	NOMINAL INSULATION THICKNESS (INCHES)		NOMINAL O.D. INCHES	NOMINAL WEIGHT LBS/MFT
	AWG/MCM			INSULATION	JACKET		
11001S	18	1	SOLID	0.015	0.025	0.194	27
11002S	18	2	SOLID	0.015	0.025	0.303	55
11020S	16	1	SOLID	0.015	0.025	0.215	35
11021S	16	2	SOLID	0.015	0.025	0.293	60
11022S	16	3	SOLID	0.015	0.025	0.388	88
11040S	14	1	SOLID	0.015	0.025	0.242	49
11041S	14	2	SOLID	0.015	0.025	0.386	90
11060S	12	1	SOLID	0.015	0.025	0.273	61
11061S	12	2	SOLID	0.015	0.026	0.438	124

\*NOTE: Materials and construction subject to change without notice. We reserve the right to supply compounds approved for plenum applications by NEC and/or UL.

\*\*NOTE: Also available in a low capacitance 200°C construction. Other sizes and pair counts are available on special order.

Please contact your sales office for availability and pricing.

### COLOR CODE CHART

1 Pair	Black/Red.
2 Pair	Black/Red, White/Green.
3 Pair	Black/Red, Black/White, Black/Green.

U

# Custom Cable Corp.



242 Butler Street • Westbury, New York 11590-3193 • Tel: (516) 334-3600 • Toll Free: (800) 832-3600 • FAX: (516) 334-3989

www.customwireandcable.com • email: sales@customwireandcable.com