



## Technical Data Sheet- Fire Alarm 18 AWG 2 Cond. Shielded Plenum Cable

**PART NUMBER:** FPLP182S-XXX (Last three digits denote jacket/conductor color scheme)  
**DESCRIPTION:** 18 AWG/1 PAIR, Solid bare copper conductors, shielded with an overall plenum jacket.  
**NEC RATING:** Article 760 TEST  
**APPROVALS:** ETL listed or (ETL)us Listed for guaranteed performance.  
**APPLICATION:** Fire protective signaling circuits. Smoke detectors, voice communications, audio control and initiating circuits. Pull Boxes and burglar alarms.  
**JACKET PRINT:** 18 AWG 2C SHIELDED PLENUM FIRE ALARM CABLE (ETL)us TYPE FPLP 4010346 MADE IN USA [JULIAN DATE/YR] [LOT#] [XXXX FT]

### Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Number of Conductors	2
Insulation	FR-PVC 0.009 in. wall (0.229 mm)
Rip cord	Polyester Rip Cord
Shield	Aluminum/Polyester (100% Coverage)
Drain	24 AWG Tin Solid Copper
Jacket Material	FR-PVC 0.015 in. wall thickness (0.381 mm)
Overall Cable Diameter	0.160" Nom. (3.94 mm)
Nominal Cable Weight	20 Lbs. /1Mft
Flame Rating	NFPA 262 Steiner Tunnel Smoke and Flame Test

### Electrical & Environmental Properties:

Operating Temperature Rating	-20°C To +60°C
Operating Voltage Rating	300 V RMS
Standards	NEC Article 760, UL Subject 1424, Type FPLP.
Code & Listings	(ETL) US
Insulation Colors	Standard- Black & Red. (More colors available upon request.)
Jacket Color	Standard- Red. (More colors available upon request.)

Jacket Color

Last 3 digits

002	Blue
008	Red
010	Yellow



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## Electrical Specifications:

DC Resistance per Conductor @ 20°C

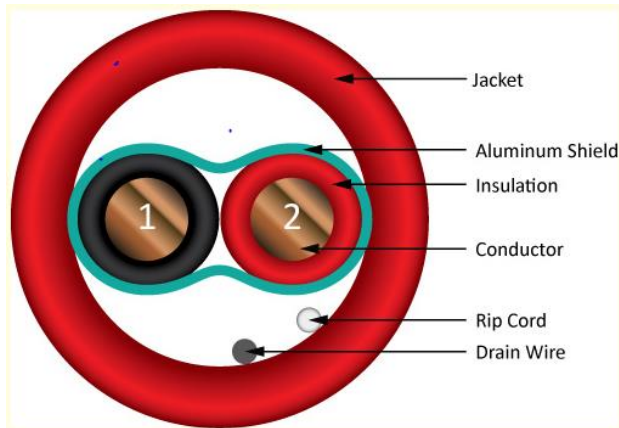
6.4 Ohms/1M' Nom.

## Mechanical Properties:

Mechanical Properties Standard  
Flame Test  
RoHS Compliant

UL 1424  
NFPA 262  
Yes

The Jacket is sequentially foot marked.  
Standard Lengths are 1000ft. on a wooden spool.  
This cable does not comply with NYC LL5 (Local Law 5)



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