



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

PART NUMBER:	FPLR182S-XXX (Last three digits denote jacket/conductor color scheme)
DESCRIPTION:	18 AWG/1 PAIR Solid bare copper conductors, shielded with an overall PVC jacket.
NEC RATING:	Article 760
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 RISER FIRE ALARM CABLE (ETL)us TYPE FPLR 4010346 MADE IN USA [JULIAN DATE/YR] [LOT#] [XXXX FT]

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Number of Conductors	2
Insulation	PVC 0.009 in. wall (0.2285 mm)
Rip cord	Polyester Rip Cord
Shield	Aluminum/Polyester (100% coverage)
Drain	24 AWG Tin Solid Copper
Jacket Material	PVC 0.015 in. wall thickness (0.381 mm)
Overall Cable Diameter	0.160" Nom. (4.06 mm)
Nominal Cable Weight	18 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 FPLR.
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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