



## Technical Data Sheet- Fire Alarm 18 AWG 4 Cond. Shielded Riser Cable

<b>PART NUMBER:</b>	<b>FPLR184S-XXX (Last three digits denote jacket/conductor color scheme)</b>
<b>DESCRIPTION:</b>	18 AWG/4, Solid bare copper conductors, shielded with an overall PVC jacket.
<b>NEC RATING:</b>	Article 760
<b>APPROVALS:</b>	ETL listed or (ETL)us Listed for guaranteed performance.
<b>APPLICATION:</b>	Fire protective signaling circuits. Smoke detectors, voice communications, audio control and initiating circuits. Pull Boxes and burglar alarms
<b>JACKET PRINT:</b>	18 AWG 4C 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	4
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	0.178" Nom. (4.521 mm)
Nominal Cable Weight	32 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	Std. - Black,Red,Blue, & Brown. (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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**Trans Cable**  
U.S. Cable Manufacturer

## Electrical Specifications:

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DC Resistance per Conductor @ 20°C

6.4 Ohms/1M' Nom.

## Mechanical Properties:

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Mechanical Properties Standard

UL 1424

Flame Test

NFPA 262

RoHS Compliant

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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