

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

| | |
|----------------------|--|
| PART NUMBER: | FPLR182U-XXX (Last three digits denote jacket/conductor color scheme) |
| DESCRIPTION: | 18 AWG/1 PAIR, Solid bare copper conductors, PVC insulated unshielded 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 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 (0.229 mm) |
| Rip cord | Polyester Rip Cord |
| Shield | None |
| Drain | None |
| Jacket Material | PVC 0.015 in. wall thickness (0.381 mm) |
| Overall Cable Diameter | 0.155" Nom. (3.94 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 |



This document is property of TCI. The information and contained herein is considered Proprietary and not to be reproduced by any means without written consent of TCI. The information presented herein, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise



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)



This document is property of TCI. The information and contained herein is considered Proprietary and not to be reproduced by any means without written consent of TCI. The information presented herein, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise