

# 18 AWG 2 CONDUCTOR FPLR (RISER) SHIELDED



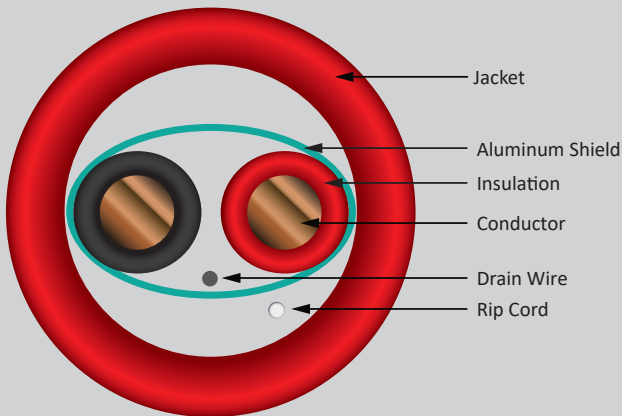
## DESCRIPTION

Fire Alarm Cable, 18 AWG 2 CONDUCTOR  
Solid Bare Copper, FPLR (Riser)  
with an Overall Shield

## FEATURES

- FPLR (Power-Limited Fire Alarm Riser Cable)
- Fire protective signal circuit
- Solid Bare Copper Conductors
- Shielded for protection against EMI/RFI
- ETL Listed, RoHS Compliant
- 1000 ft Spool

Applications: Smoke alarms and detectors, pull boxes, burglar alarms, addressable fire alarm systems



**216-182/S/R/YL (yellow)**  
**216-182/S/R/BL (blue)**  
**216-182/S/R/RD (red)**

### Conductor

Material 18 AWG Solid Bare Copper  
Conductor Construction 0.04 in / 1.02±0.01 mm  
Conductors 2 Conductor

### Insulation

Material Polyvinyl Chloride (PVC)  
Diameter 0.06 in / 1.50±0.1 mm  
Average Thickness 0.009 in. / 0.22 mm  
Min. Thickness 0.007 in. / 0.18 mm  
Colors Red, Black

### Drain Wire

Drain wire material Tinned Copper (TC)  
Drain wire size 0.015 in / 0.38±0.01 mm

### Shield

Aluminum

### Jacket

Material Polyvinyl Chloride (PVC)  
Overall Diameter 0.16 in. Nom. / 4.0±0.2 mm  
Average Thickness 0.016 in. / 0.43 mm  
Min. Thickness 0.014 in. / 0.35 mm  
Color Multiple colors (check availability)

### Rip Cord

Polyester Rip Cord

### Electrical & Physical Properties

Operating Temperature Rating -20°C to +75°C  
Operating Voltage Rating 300 V RMS  
(not for power purposes)  
DC Resistance per conductor @ 20°C ≤21.4Ω/KM

### Ratings/Approvals

NEC Article 760, UL Subject 1424, Type FPLR, ETL Listed, RoHS Compliant

### Jacket Print

18AWG 2C SHIELDED RISER FIRE ALARM CABLE (ETL)us TYPE FPLR  
5024318 XXXXXX PO#XXXXX 0002FT...1000FT

**VERTICAL CABLE**

951.696.7772 California  
800.749.2447 Florida  
845.391.8318 New York



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Rev. 09/2022

Specs subject to change without notice.

It is the sole responsibility of the user to have the most current specs.