

# 14 AWG 2 CONDUCTOR FPLR (RISER) - UNSHIELDED



**216-142/R/BL (blue)**  
**216-142/R/RD (red)**  
**216-142/R/YL (yellow)**

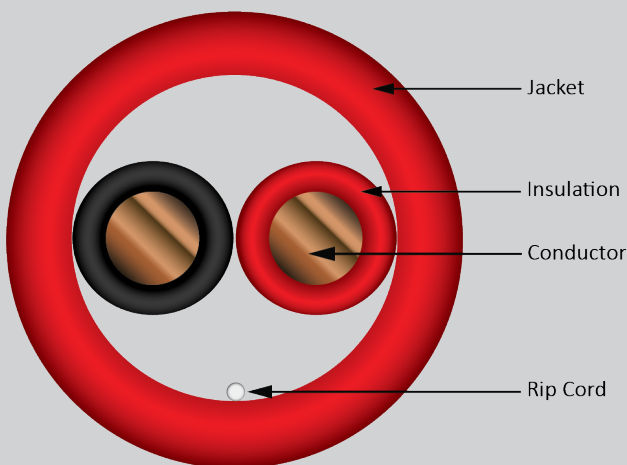
## DESCRIPTION

**Fire Alarm Cable, 14 AWG 2 CONDUCTOR  
Solid Bare Copper, FPLR (RISER)  
Unshielded**

## FEATURES

- FPLR (Power-Limited Fire Alarm Riser Cable)
- Fire protective signal circuit
- Solid Bare Copper Conductors
- ETL Listed, RoHS Compliant
- 1000 ft Spool

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



### Conductor

|                        |                          |
|------------------------|--------------------------|
| Material               | 14 AWG Solid Bare Copper |
| Conductor Construction | 0.06 in / 1.63±0.01 mm   |
| Conductors             | 2 Conductor              |

### Insulation

|                   |                          |
|-------------------|--------------------------|
| Material          | Polyvinyl Chloride (PVC) |
| Diameter          | 0.083 in / 2.10±0.1 mm   |
| Average Thickness | 0.009 in. / 0.22 mm      |
| Min. Thickness    | 0.007 in. / 0.18 mm      |
| Colors            | Red, Black               |

### Jacket

|                   |                                      |
|-------------------|--------------------------------------|
| Material          | Low Smoke PVC                        |
| Overall Diameter  | 0.20 in. Nom. / 5.1±0.2 mm           |
| Average Thickness | 0.017 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<br>(not for power purposes) |
| DC Resistance per conductor<br>@ 20°C | ≤8.45 Ω/KM                            |

### Ratings/Approvals

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

### Jacket Print

14AWG 2C UNSHIELDED RISER FIRE ALARM CABLE (ETL)us TYPE FPLR  
5024318 XXXXXX PO#XXXXX 0002FT...1000FT

**VERTICAL CABLE**

