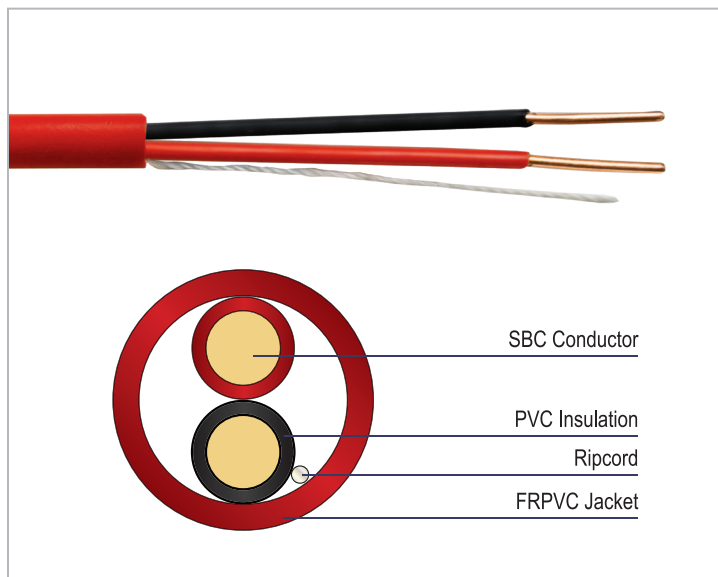




## 2 Conductor Solid FPLR Unshielded Fire Alarm Cable



### Features & Benefits

- CMR rated jacket for commercial installations in vertical floor-to-floor runs, where the length exceeds one story
- UL Listed and RoHS compliant to ensure safety requirements are met
- Offered in 18 AWG, 16 AWG or 14 AWG solid copper conductor to suit your specific application
- Offered in 1,000 ft increments, packaging varies based on item

### Applications

Vericom FPLR unshielded fire alarm cable supports fire and signal protection devices and security systems with integrated fire alarm circuits. This cable is for use with Power Limited Systems multi-story commercial building or residential applications requiring a level of fire protection.

### Description / Specifications

This 2 conductor fire alarm cable is offered in 18 AWG, 16 AWG, or 14 AWG and is composed of 2 wires (Black, Red) inside a FPLR rated red jacket. This cable is approved for 300 volts and has a temperature range of -10°C to 75°C. Our fire alarm cables are FPLR and meet UL 1666, which are perfect for commercial installation in vertical floor-to-floor runs, where the length exceeds one story. For more details on NEC riser rated guidelines, please reference section 760-154(B) of the National Electrical Code ANSI/NFPA 70.

### Standards Compliance

- UL 1424, Power Limited Fire Alarm Circuit Cable
- UL 13, Power Limited Circuit Cable
- UL 1666, Riser Flame Tested
- UL Listed Type FPLR/CL3R/CMR
- NEC Article 725, 760 and 800
- RoHS Compliant



## 2 Conductor Solid FPLR Unshielded Fire Alarm Cable

### Ordering Information

Description			
2 Conductor Solid FPLR Unshielded Fire Alarm Cable			
Item No.	Conductor	Packaging	Cable Weight
SF142-01957	14 AWG SBC	1,000 ft Spool	36.2 lb / 1000 ft
SF162-01951	16 AWG SBC	1,000 ft Spool	23.6 lb / 1000 ft
SF182-01945	18 AWG SBC	1,000 ft Pull Box	16.3 lb / 1000 ft

### Cable Marking

VERICOM UNSHIELDED FIRE ALARM (UL) E364603-T **XX** AWG 2 COND SOLID 75°C TYPE FPLR OR CL3R --- CMR ROHS 0000FT USED / 1000FT REMAINING

For accurate cable marking, replace the **XX** with the appropriate wire gauge.

### Construction

**Conductor Material:** Solid Copper

**No. of Conductors:** 2

**AWG:** Varies by Item Number

**Insulation Material:** Polyvinyl Chloride Riser (PVC)

**Insulation Thickness:** 0.01 in. (0.254 mm)

**Insulation Color Code:** Black, Red

**Ripcord:** Yes

**Jacket Material:** Flame Resistant Polyvinyl Chloride (FRPVC)

**Jacket Thickness:** 0.015 in. (0.381 mm)

**Jacket Color:** Red

### Electrical

**Nominal Mutual Capacitance (14 AWG):** 22.9 pF/m

**Nominal Mutual Capacitance (16 AWG):** 42.42 pF/m

**Nominal Mutual Capacitance (18 AWG):** 40.43 pF/m

**Voltage Rating:** 300V

**Conductor DC Resistance (14 AWG):** 2.60Ω / 1000 ft

**Conductor DC Resistance (16 AWG):** 4.20Ω / 1000 ft

**Conductor DC Resistance (18 AWG):** 6.53Ω / 1000 ft

### Environmental Conditions

**Operating Temperature:** 14 °F to 167°F (-10 °C to 75 °C)