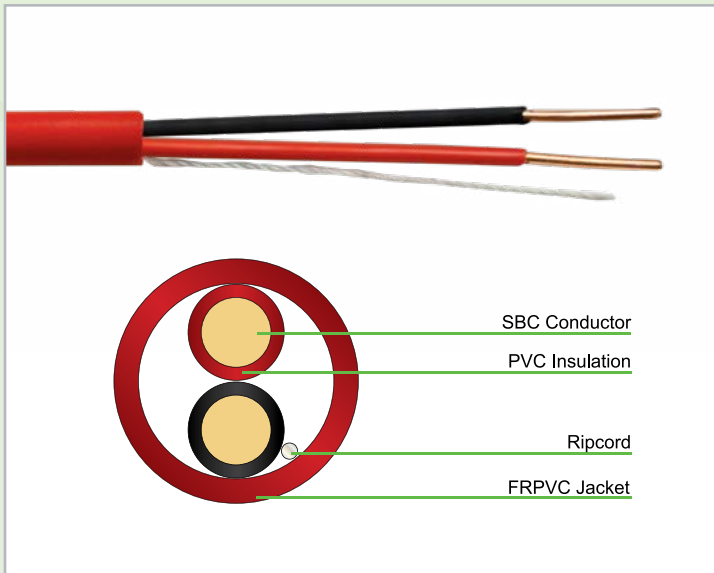


VGC™ 2 Conductor Solid FPLR Unshielded Fire Alarm Cable



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

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

Applications

Vericom FPLR unshielded fire alarm cable is designed to support fire and signal protection devices, as well as security systems with integrated fire alarm circuits. It is intended for use in Power-Limited Systems within multi-story commercial buildings or residential installations that require a defined level of fire protection.

Description / Specifications

This 2-conductor fire alarm cable is available in 18 AWG, 16 AWG, or 14 AWG and contains two color-coded wires (Black, Red) housed within an FPLR-rated red jacket. The cable is approved for up to 300 volts and operates within a temperature range of 14°F to 167°F.

Vericom fire alarm cables meet FPLR requirements and UL 1666 standards, making them ideal for vertical riser installations between floors where cable runs exceed one story. For additional guidance on NEC riser-rated requirements, refer to Section 760-154(B) of the National Electrical Code (ANSI/NFPA 70).

VGC™ 2 Conductor Solid FPLR Unshielded Fire Alarm Cable

Ordering Information

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

* Transitioning to Spool - contact us to confirm availability.

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

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)