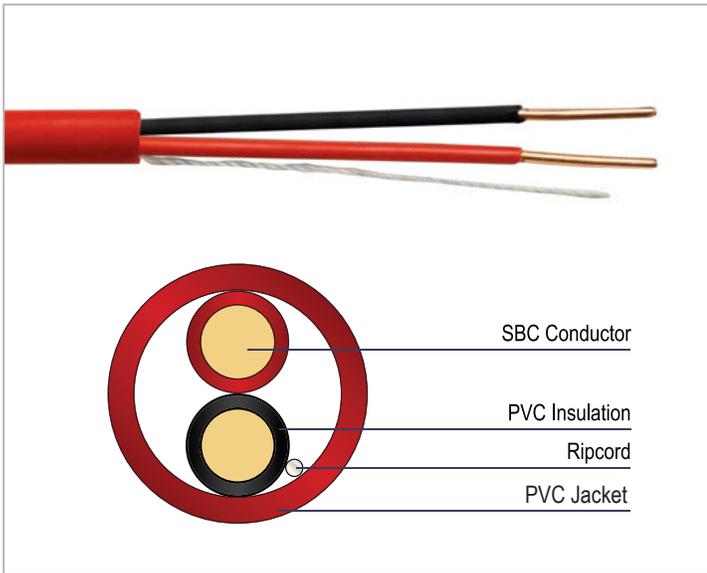




2 Conductor Solid FPLP Unshielded Fire Alarm Cable



Applications

Vericom FPLP 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 plenum level of fire protection in air handling spaces.

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 FPLP rated red jacket. This cable is approved for 300 volts and has a temperature range of -4°F to 167°F. Our fire alarm cables are FPLP rated and meet UL 1424, making them suitable for commercial installation in plenum air handling spaces, such as overhead spaces. For more details on NEC guidelines, please reference section 760 154(A) of the National Electrical Code ANSI/NFPA 70.

Features & Benefits

- FPLP rated jacket for commercial installations in plenum air handling spaces
- 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 (FPLP Listed)
- UL 13, Power Limited Circuit Cable
- UL Listed Type FPLP/CL3P/CMP
- NEC Article 725, 760 and 800
- RoHS Compliant



2 Conductor Solid FPLP Unshielded Fire Alarm Cable

Ordering Information

Description				
2 Conductor Solid FPLP Unshielded Fire Alarm Cable				
Item Number	Conductor	Packaging	Cable Weight	Insulation Thickness
SF142-01958	14 AWG SBC	1,000 ft Spool	36.2 lb / 1000 ft	0.0118 in (0.30 mm)
SF162-01952	16 AWG SBC	1,000 ft Spool	23.6 lb / 1000 ft	0.009 in (0.23 mm)
SF182-01946	18 AWG SBC	1,000 ft Spool	16.3 lb / 1000 ft	0.009 in (0.23 mm)

Cable Marking

VERICOM UNSHIELDED FIRE ALARM (UL)
E364603-T XX AWG 2 COND SOLID 75°C TYPE
FPLP OR CL3P --- CMP ROHS 0000FT USED /
1000FT REMAINING

Construction

Conductor Material: Solid Copper

No. of Conductors: 2

AWG: Varies by Item Number

Insulation Material: Polyvinyl Chloride (PVC)

Insulation Thickness: Varies by Item Number

Insulation Color Code: Black, Red

Ripcord: Yes

Jacket Material: Polyvinyl Chloride (PVC)

Jacket Thickness: 0.0149 in (0.38 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

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: -4°F to 167°F (-20°C to 75°C)