



FIRE ALARM CABLE

18 AWG 2 CONDUCTOR

RISER-RATED - UNSHIELDED

216-182/R SERIES

DESCRIPTION

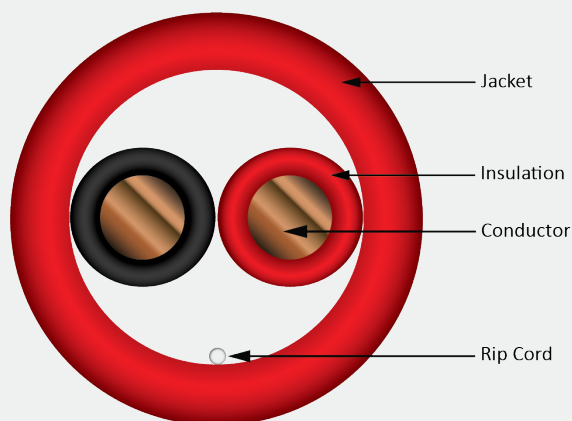
Fire Alarm Cable, 18/2
Solid Bare Copper, FPLR (Riser)
Unshielded

FEATURES

- FPLR (Power-Limited Fire Alarm Riser Cable)
- Fire protective signal circuit
- Solid Bare Copper Conductor
- ETL Listed, RoHS Compliant
- Available colors: Red, Yellow, Blue, Green
- 1000 Ft. Spool, or Reel-in-Box (red color only)
- Weights: Spool - 18 lbs / Reel-in-Box - 20 lbs

APPLICATIONS

- Smoke alarms and detectors
- Pull boxes
- Burglar alarms
- Addressable fire alarm systems



Part Number	Description
216-182/R/RD	18/2 Unshielded Riser (FPLR), 1000 ft spool (Red)
216-182/R/RB/RD	18/2 Unshielded Riser (FPLR), 1000 ft Reel-In-Box (Red)
216-182/R/YL	18/2 Unshielded Riser (FPLR), 1000 ft spool (Yellow)
216-182/R/BL	18/2 Unshielded Riser (FPLR), 1000 ft spool (Blue)
216-182/R/GR	18/2 Unshielded Riser (FPLR), 1000 ft spool (Green)

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

JACKET

Material Low Smoke PVC
Overall Diameter 0.15 in. Nom. (3.9±0.2 mm)
Average Thickness 0.017 in. (0.43 mm)
Min. Thickness 0.014 in. (0.35 mm)
Color Multiple colors (check availability)
Polyester Rip Cord

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 ≤21.4 Ω/KM

RATINGS/APPROVALS

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

JACKET MARKING

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

PHYSICAL PROPERTIES

Spool Dimensions:

Width 10 in. (254 mm)
Depth 10 in. (254 mm)
Height 7 in. (177.8 mm)
Weight: 18 lbs

Reel-in-Box Dimensions:

Width 8.5 in. (215.9 mm)
Depth 13 in. (330.2 mm)
Height 13 in. (330.2 mm)
Weight: 20 lbs

Florida (HQ)
800-749-2447

California
951-696-7772

New York
845-391-8318

Texas
713-322-7242

verticalcable.com

This specification sheet is subject to change without notice.



RoHS



Intertek

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