



FIRE ALARM CABLE

14 AWG 2 CONDUCTOR

PLENUM-RATED - UNSHIELDED

216-142/P SERIES

DESCRIPTION

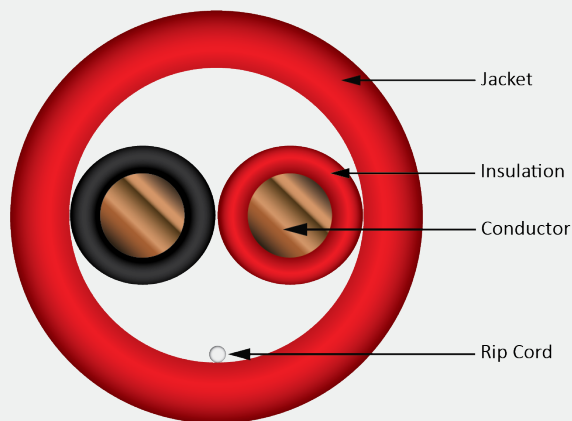
Fire Alarm Cable, 14/2
Solid Bare Copper, FPLP (Plenum)
Unshielded

FEATURES

- FPLP (Power-Limited Fire Alarm Plenum Cable)
- Fire protective signal circuit
- Solid Bare Copper Conductor
- ETL Listed, RoHS Compliant
- Available colors: Red, Yellow, Blue
- 1000 Ft. Spool, or Reel-in-Box (red color only)
- Weights: Spool - 36 lbs / Reel-in-Box - 38 lbs

APPLICATIONS

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



Part Number	Description
216-142/P/RD	14/2 Unshielded Plenum (FPLP), 1000 ft spool (Red)
216-142/P/RB/RD	14/2 Unshielded Plenum (FPLP), 1000 ft Reel-in-Box (Red)
216-142/P/YL	14/2 Unshielded Plenum (FPLP), 1000 ft spool (Yellow)
216-142/P/BL	14/2 Unshielded Plenum (FPLP), 1000 ft spool (Blue)
216-142/P/GR	14/2 Unshielded Plenum (FPLP), 1000 ft spool (Green)
216-142/P/OR	14/2 Unshielded Plenum (FPLP), 1000 ft spool (Orange)
216-142/P/WH	14/2 Unshielded Plenum (FPLP), 1000 ft spool (White)
216-142/P/BK	14/2 Unshielded Plenum (FPLP), 1000 ft spool (Black)

CONDUCTOR

Material
Conductor Construction
Conductors

14 AWG Solid Bare Copper
0.06 in. (1.63±0.01 mm)
2 Conductor

INSULATION

Material
Diameter
Average Thickness
Min. Thickness
Colors

Polyvinyl Chloride (PVC)
0.083 in. (2.10±0.1 mm)
0.009 in. (0.22 mm)
0.007 in. (0.18 mm)
Red, Black

JACKET

Material
Overall Diameter
Average Thickness
Min. Thickness
Color

Low Smoke PVC
0.20 in. Nom. (5.1±0.2 mm)
0.017 in. (0.43 mm)
0.014 in. (0.35 mm)
Multiple colors
(check availability)

RIP CORD

Polyester Rip Cord

ELECTRICAL & PHYSICAL PROPERTIES

Operating Temperature Rating
Operating Voltage Rating

-20°C to +75°C
300 V RMS
(not for power purposes)

DC Resistance per conductor @ 20°C

≤8.45 Ω/KM

RATINGS/APPROVALS

NFPA 262 (Flame test), NEC Article 760, UL Subject 1424, Type FPLP, ETL Listed, RoHS Compliant

JACKET MARKING

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

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.



PHYSICAL PROPERTIES

Spool Dimensions & Weight:

Width	12.5 in. (317.5 mm)
Depth	12.5 in. (317.5 mm)
Height	7.5 in. (190.5 mm)
Weight:	36-37 lbs

Reel-In-Box Dimensions & Weight:

Width	10 in. (254 mm)
Depth	14 in. (355.6 mm)
Height	14 in. (355.6 mm)
Weight:	38 lbs

