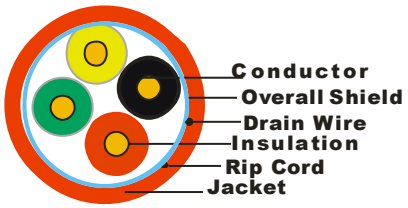
Product Specifications



18 AWG 4/C Solid Shield
Fire Alarm Cable FPLR/CL3R
Part No. 6517



Physical Characteristics

- **Conductor:** Solid Bare Copper
- **Number of Conductors:** 4
- **Size:** 18 AWG
- **Insulation:** Premium Polyolefin (Flame-Retardant & RoHS Compliant)
- **Conductor Color Code:** 1. Black 2. Red 3. Green 4 Yellow
- **Shielding:** An aluminum polyester foil shield
- **Drain Wire:** A Stranded copper drain wire may be longitudinally laid to ensure electrical continuity of the screen
- **Rip Cord:** Applied longitudinally under jacket
- **Jacket**: PVC (Flame-Retardant, Sun Res & RoHS Compliant)
- **Nominal Cable Diameter (in):** 0.197
- **Nominal Cable Net Weight (lbs/1000ft):** 37.92
- **Minimum Bend Radius (in):** 3.0
- **Maximum Pulling Force (lbs):** 35
- **Temperature Rating (°F)**
  Installation: +32 to + 140 **Storage & Operation**: -4 to + 167

Applications

- Fire Protective Signaling Circuits, Smoke detectors, Strobes/Sirens, Pull stations Voice communications, Burglar alarms, Audio, control, initiating & notification circuits, Microprocessor/Addressable Controlled Systems

Features & Benefits

- Install Friendly
- A rip cord underneath the jacket provides for easy removal at installation
- Tested physically & electrically in accordance with NEC standards
- Legend markings for zones and rooms to save installation time
- E-Z footage marking with ascending and descending order
- Sunlight Resistant & RoHS Compliant
- Free from restricted metals and hazardous compounds. Check our green leaf label for more information
- Combines indoor/outdoor applications into one product. Complies with the UL 1581 sunlight resistance requirement for outdoor installations. (Do not use as a substitute for OSP Cables)

Electrical Characteristics

- **Operating Voltage:** 300 Volts Max
- **Capacitance**: 30pF/ft Nom
- **Impedance:** 30 Ohms Nom
- **DC Resistance:** 6.52 Ohms/ M' @ +68 °F

Certifications

Certificates for Management System

- **ISO9001: 2008, ISO14001: 2004, OHSAS 18001**

Standard Compliances

- **NEC:** 725 & 760
- **UL Standard:** UL 13 & UL 1424
- **Flame Rating:** UL 1666 Riser c(UL)us FT4
- **RoHS:** Compliant Directive 2011/65/EU

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