
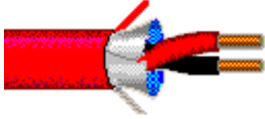


Product: [6320FK](#) 

Fire Alarm, #18-2c BC, Shielded, FPLP



Product Description

Fire Alarm Cable, Plenum-FPLP, 2-18 AWG solid bare copper conductors with FEP insulation, overall Beldfoil® shield, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | Fire Alarm, Addressable Systems, Circuits: Audio, Control, Initiating, Notification |
|------------------------|---|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|------|-----------|------------------|
| Conductor(s) | 2 | 18 | Solid | BC - Bare Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter | Color Code |
|--------------------------------------|--------------------|--------------------------|------------|
| FEP - Fluorinated Ethylene Propylene | 0.018 in (0.46 mm) | 0.076 in (1.9 mm) | Black, Red |

Outer Shield

| Shield Type | Material | Coverage | Drainwire Type |
|-------------|-------------------------|----------|------------------|
| Tape | Bi-Laminate (Alum+Poly) | 100% | 20 AWG (7x28) TC |

Outer Jacket

| Material | Nom. Thickness | Nom. Diameter | Ripcord |
|--------------------------|--------------------|---------------|---------|
| PVC - Polyvinyl Chloride | 0.015 in (0.38 mm) | 0.185 in | Yes |

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Nom. Capacitance Cond-to-Cond | Nom. Capacitance Cond-to-Other (Conds + Shield) | Max. Current |
|--------------------|-------------------------------|---|-------------------------------|
| 6.65 Ohm/1000ft | 26 pF/ft (85 pF/m) | 46.8 pF/ft (154 pF/m) | 14 Amps per Conductor at 25°C |

Voltage

| UL Voltage Rating |
|-------------------|
| 300 V |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|--------------|
| 75°C | 0°C To +75°C |

Bend Radius

| Stationary Min. | Installation Min. |
|-------------------|-------------------|
| 2.77 in (70.4 mm) | 2.77 in |

| | |
|--------------------|----------|
| Max. Pull Tension: | 51.8 lbs |
|--------------------|----------|

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 25 lbs/1000ft |
|--------------------|---------------|

Standards and Compliance

| | |
|----------------------------------|--|
| Environmental Suitability: | Indoor |
| Sustainability: | Product Lens™ |
| Flammability / Reaction to Fire: | NFPA 262 (UL910) |
| NEC / UL Compliance: | Article 760, FPLP |
| European Directive Compliance: | EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| Other Standard Compliance(s): | California State Fire Marshall |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.308 Revision Date: 12-19-2021 |
|----------------------|--|

Variants

| Item # | Color | UPC |
|-----------------|-------|--------------|
| 6320FK 0021000 | Red | 612825175698 |
| 6320FK 002U1000 | Red | 612825175681 |

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