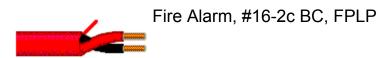


Part Number: 6220UJ



Product Description

Fire Alarm Cable, Plenum-FPLP, 2-16 AWG solid bare copper conductors with FEP insulation, Flamarrest® jacket with ripcord

Technical Specifications

| Suitable Applications: | Addressable Fire Sy | stems, Data Circuits, | Monitor/Detection, Control C | Circuits, Initia | ating Circuits, Notification Circuits |
|---|---------------------|-----------------------|------------------------------|------------------|---------------------------------------|
| Physical Characteristics (Ove | rall) | | | | |
| Conductor | | | | | |
| AWG Stranding Material N | o. of Conductors | | | | |
| 16 Solid BC - Bare Copper 2 | | | | | |
| Conductor Count: | 2 | | | | |
| Conductor Size: | 16 AWG | | | | |
| nsulation | | | | | |
| Material Material T | rade Name Nominal | Wall Thickness | | | |
| Thermoplastic Fluoropolymer Teflon® | 0.007 in | | | | |
| Color Chart | | | | | |
| Number Color | | | | | |
| 1 Black | | | | | |
| 2 Red | | | | | |
| Duter Shield Material | | | | | |
| Material | | | | | |
| Unshielded | | | | | |
| Duter Jacket Material | | | | | |
| Material | Material Trade Name | Nominal Diameter | Nominal Wall Thickness | Ripcord | |
| | | | | | |
| LS PVC - Low Smoke Polyvinyl Chloride | Flamarrest® | 0.162 in | 0.015 in | Yes | |
| | | 0.162 in | 0.015 in | Yes | |
| | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions | | 0.162 in | 0.015 in | Yes | |
| Cabling | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions Cabling Twists 6 twist/ft | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR | | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR Nominal Conductor DCR 3.9 Ohm/1000ft | ; | 0.162 in | 0.015 in | Yes | |
| Construction and Dimensions Cabling Twists 6 twist/ft Electrical Characteristics Conductor DCR Nominal Conductor DCR 3.9 Ohm/1000ft Capacitance | ; | 0.162 in | 0.015 in | Yes | |

Inductance

Nominal Inductance

Current

| Max. Recommended Current [A] |
|-------------------------------|
| 6 Amps per conductor @ 25°C A |

Voltage

UL Voltage Rating 300 V RMS

Temperature Range

| UL Temp Rating: | 75°C |
|-----------------------|--------------|
| Operating Temp Range: | 0°C To +75°C |

Mechanical Characteristics

| Bulk Cable Weight: | 22 lbs/1000ft |
|----------------------------------|---------------|
| Max Recommended Pulling Tension: | 62 lbs |
| Min Bend Radius/Minor Axis: | 1.6 in |

Standards

| NEC Articles: | 760 |
|-------------------------|--------------------------------|
| NEC/(UL) Specification: | FPLP |
| Other Specification: | California State Fire Marshall |

Applicable Environmental and Other Programs

| EU Directive 2000/53/EC (ELV): | Yes |
|---------------------------------------|-------------------------------|
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-10-01 |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

| FT6 |
|------------------------------------|
| NFPA 262 Plenum Flame Test (UL910) |
| 300 V RMS |
| ŀ |

Part Number

| Variants | | | |
|----------------|-------|----------|------------------------|
| ltem # | Color | Footnote | |
| 6220UJ 0021000 | Red | С | |
| Footnote: | | | C - CRATE REEL PUT-UP. |

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