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5220UL



Multi-Conductor - Commercial Applications - 2 Conductors Cabled

Fire Alarm Cable, Riser-FPLR, 2-16 AWG solid bare copper conductors with polyolefin insulation, PVC jacket with ripcord

**For more Information
Please call**

1-800-Belden1



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Put Ups and Colors:

| Item ## | Putup | Ship Weight | Color | Notes | Item Desc |
|-----------------|----------|-------------|--------|-------|----------------|
| 5220UL D151000 | 1,000 FT | 23.000 LB | BLUE | | 2 #16 PP FRPVC |
| 5220UL 0011000 | 1,000 FT | 23.000 LB | BROWN | | 2 #16 PP FRPVC |
| 5220UL 002A1000 | 1,000 FT | 25.000 LB | RED | | 2 #16 PP FRPVC |
| 5220UL 002U1000 | 1,000 FT | 23.000 LB | RED | | 2 #16 PP FRPVC |
| 5220UL 0021000 | 1,000 FT | 23.000 LB | RED | C | 2 #16 PP FRPVC |
| 5220UL 002500 | 500 FT | 11.500 LB | RED | | 2 #16 PP FRPVC |
| 5220UL 0031000 | 1,000 FT | 23.000 LB | ORANGE | C | 2 #16 PP FRPVC |
| 5220UL 0041000 | 1,000 FT | 23.000 LB | YELLOW | | 2 #16 PP FRPVC |
| 5220UL 009U1000 | 1,000 FT | 23.000 LB | WHITE | | 2 #16 PP FRPVC |
| 5220UL 0101000 | 1,000 FT | 23.000 LB | BLACK | | 2 #16 PP FRPVC |

Notes:

C = CRATE REEL PUT-UP.

Usage (Overall)

Suitable Applications:

Fire Protections, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2 | 16 | Solid | BC - Bare Copper |

Total Number of Conductors: 2

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene | 0.007 |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.017 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

| Length (in.) | Direction | Twists (twist/ft) |
|--------------|-----------|-------------------|
| 2.750 | Left Hand | 4.400 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |

Overall Nominal Diameter: 0.166 in.

Mechanical Characteristics (Overall)

| | |
|-----------------------------------|-----------------|
| Operating Temperature Range: | -20°C To +75°C |
| UL Temperature Rating: | 75°C |
| Bulk Cable Weight: | 21 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 62.400 lbs. |
| Min. Bend Radius/Minor Axis: | 1.625 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|-------------------------|------|
| NEC/(UL) Specification: | FPLR |
| NEC Articles: | 760 |

| | |
|---------------------------------------|------------|
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU CE Mark: | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS): | Yes |

Flame Test

| | |
|-----------------|-----------------------|
| UL Flame Test: | UL1666 Vertical Shaft |
| CSA Flame Test: | FT4 |

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum Number: | 6220UL |
|----------------|--------|

Electrical Characteristics (Overall)

Nom. Inductance:

| Inductance (μH/ft) |
|--------------------|
| 0.145 |

Nom. Capacitance Conductor to Conductor:

| Capacitance (pF/ft) |
|---------------------|
| 24.000 |

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 3.85 |

Max. Operating Voltage - UL:

| Voltage |
|-----------|
| 300 V RMS |

Max. Recommended Current:

| Description | Current |
|----------------------|---------------------------------------|
| 10C Temperature Rise | 6.3 Amps per conductor @ 25°C ambient |

Close

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