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please call

1-800-Belden1



### Description:

22 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

### Usage (Overall)

**Suitable Applications:** Intercom/PA Systems, Sound/Audio Systems

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 3            | 22  | Solid     | BC - Bare Copper   |

#### Insulation

**Insulation Material:**

| Insulation Trade Name | Insulation Material                   | Wall Thickness (in.) |
|-----------------------|---------------------------------------|----------------------|
| Flamarrest®           | LS PVC - Low Smoke Polyvinyl Chloride | 0.009                |

#### Outer Shield

**Outer Shield Material:**

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

#### Outer Jacket

**Outer Jacket Material:**

| Outer Jacket Trade Name | Outer Jacket Material                 | Nom. Wall Thickness (in.) |
|-------------------------|---------------------------------------|---------------------------|
| Flamarrest®             | LS PVC - Low Smoke Polyvinyl Chloride | .015                      |

**Outer Jacket Ripcord:** Yes

#### Overall Cable

**Overall Cabling Color Code Chart:**

| Number | Color |
|--------|-------|
| 1      | Black |
| 2      | Red   |
| 3      | White |

**Overall Nominal Diameter:** 0.125 in.

### Mechanical Characteristics (Overall)

**Operating Temperature Range:** 0°C To +75°C

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 11.700 lbs/1000 ft.

**Max. Recommended Pulling Tension:** 23.400 lbs.

**Min. Bend Radius (Install)/Minor Axis:** 1.250 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

**NEC/(UL) Specification:** CMP

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|                                       |            |
|---------------------------------------|------------|
| NEC Articles:                         | 800        |
| CEC/C(UL) Specification:              | CMP        |
| 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        |
| MII Order #39 (China RoHS):           | Yes        |

## Flame Test

|                   |          |
|-------------------|----------|
| UL Flame Test:    | NFPA 262 |
| C(UL) Flame Test: | FT6      |

## Plenum/Non-Plenum

|                    |        |
|--------------------|--------|
| Plenum (Y/N):      | Yes    |
| Non-Plenum Number: | 5521UE |

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

25

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.7

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

2.8 Amps per conductor @ 25°C (10°C rise in temp)

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item #         | Putup    | Ship Weight | Color   | Notes | Item Desc         |
|----------------|----------|-------------|---------|-------|-------------------|
| 6521UE 8771000 | 1,000 FT | 13.000 LB   | NATURAL |       | 3 #22 FLRST FLRST |

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