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please call

1-800-Belden1



### Description:

14 AWG bare copper conductors, Flamarrest® insulation, cabled together, Flamarrest® jacket with ripcord, shielded version has overall Beldfoil® shield tape (foil side out) and drain wire, sequential footage marking every two feet.

### Usage (Overall)

**Suitable Applications:** Fire Protection, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Conductors	AWG	Stranding	Conductor Material
4	14	Solid	BC - Bare Copper

#### Insulation

**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.010

#### 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 Lay Length & Direction:**

Length (in.)	Twists (ft.)
4	3.0

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	Brown
4	Blue

**Overall Nominal Diameter:** 0.236 in.

### Mechanical Characteristics (Overall)

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

**UL Temperature Rating:** 75°C

**Bulk Cable Weight:** 66.800 lbs/1000 ft.

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Max. Recommended Pulling Tension: 198.800 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.375 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: FPLP

NEC Articles: 760

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

Other Specification: California State Fire Marshall

#### Flame Test

UL Flame Test: NFPA 262

#### Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 5122UL

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

37.000

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.43

#### Max. Operating Voltage - UL:

Voltage

300 V RMS

#### Max. Recommended Current:

Current

6.4 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6122UL 0021000	1,000 FT	70.000 LB	RED	C	4 #14 FLRST FLRST

#### Notes:

C = CRATE REEL PUT-UP.

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## 6122UL Multi-Conductor - Commercial Applications

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