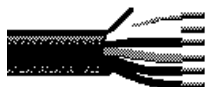


## 6328UL Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**General Description:**

Fire Alarm Cable, Plenum-FPLP, 10-18 AWG solid bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

**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 |
|--------------|-----|-----------|--------------------|
| 10           | 18  | Solid     | BC - Bare Copper   |

Total Number of Conductors:

10

**Insulation**

Insulation Material:

| Insulation Trade Name | Insulation Material                   | Wall Thickness (in.) |
|-----------------------|---------------------------------------|----------------------|
| Flamarrest®           | LS PVC - Low Smoke Polyvinyl Chloride | .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 (twist/ft) |
|--------------|-------------------|
| 4.75         | 2.5               |

Overall Cabling Color Code Chart:

| Number | Color     |
|--------|-----------|
| 1      | Black     |
| 2      | Red       |
| 3      | Brown     |
| 4      | Blue      |
| 5      | Orange    |
| 6      | Yellow    |
| 7      | Purple    |
| 8      | Green     |
| 9      | Red/Black |
| 10     | Red/White |

Overall Nominal Diameter:

0.272 in.

**Mechanical Characteristics (Overall)**

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 73.500 lbs/1000 ft.

Max. Recommended Pulling Tension: 196 lbs.

Min. Bend Radius/Minor Axis: 2.750 in.

## 6328UL Multi-Conductor - Commercial Applications

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

|                                       |                                |
|---------------------------------------|--------------------------------|
| NEC/(UL) Specification:               | FPLP                           |
| 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                            |
| 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: | 5328UL |

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

29

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

3.5 Amps per conductor @ 25°C

## Put Ups and Colors:

| Item #         | Putup    | Ship Weight | Color | Notes | Item Desc          |
|----------------|----------|-------------|-------|-------|--------------------|
| 6328UL 0021000 | 1,000 FT | 73.000 LB   | RED   | C     | 10 #18 FLRST FLRST |

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 03-13-2013

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