

## 6002UE Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1

**General Description:**

Security & Alarm Cable, Plenum-CL2P 4-12 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

**Physical Characteristics (Overall)****Conductor**

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4            | 12  | 19x25     | BC - Bare Copper   |

Total Number of Conductors: 4

**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 | .018                      |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Cabling Lay Length & Direction:

| Length (in.) |
|--------------|
| 5.25         |

Overall Cabling Color Code Chart:

| Color |
|-------|
| Black |
| White |
| Red   |
| Green |

Overall Nominal Diameter: 0.304 in.

**Mechanical Characteristics (Overall)**

|                                   |                  |
|-----------------------------------|------------------|
| Operating Temperature Range:      | 0°C To +75°C     |
| Bulk Cable Weight:                | 106 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 304 lbs.         |
| Min. Bend Radius/Minor Axis:      | 3.100 in.        |

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

|                                       |            |
|---------------------------------------|------------|
| NEC(UL) Specification:                | CL2P       |
| 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        |

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|                                |     |
|--------------------------------|-----|
| 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: | UL Steiner Tunnel |
|----------------|-------------------|

**Plenum/Non-Plenum**

|               |     |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

|                    |        |
|--------------------|--------|
| Non-Plenum Number: | 5002UE |
|--------------------|--------|

**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

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

|        |
|--------|
| 39.000 |
|--------|

**Nom. Conductor DC Resistance:**

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

|     |
|-----|
| 1.6 |
|-----|

**Max. Operating Voltage - UL:**

|         |
|---------|
| Voltage |
|---------|

|           |
|-----------|
| 150 V RMS |
|-----------|

**Max. Recommended Current:**

|         |
|---------|
| Current |
|---------|

|                               |
|-------------------------------|
| 9.6 Amps per conductor @ 25°C |
|-------------------------------|

**Put Ups and Colors:**

| Item #         | Putup    | Ship Weight | Color   | Notes | Item Desc         |
|----------------|----------|-------------|---------|-------|-------------------|
| 6002UE 0101000 | 1,000 FT | 107.000 LB  | BLACK   |       | 4 #12 FLRST FLRST |
| 6002UE 8771000 | 1,000 FT | 107.000 LB  | NATURAL | C     | 4 #12 FLRST FLRST |

**Notes:**

C = CRATE REEL PUT-UP.

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