

## 6306UE Multi-Conductor - Commercial Applications



For more Information  
please call

1-800-Belden1



### Description:

18 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket, ripcord. Sequential footage marking every two feet.

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 8            | 18  | 7         | BC - Bare Copper   |

#### Insulation

Insulation Material:

| Insulation Trade Name | Insulation Material                   | Wall Thickness (in.) |
|-----------------------|---------------------------------------|----------------------|
| Flamarrest®           | LS PVC - Low Smoke Polyvinyl Chloride | 0.008                |

#### 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.) |
|--------------|
| 4            |

Overall Cabling Color Code Chart:

| Color  |
|--------|
| Black  |
| Red    |
| White  |
| Green  |
| Brown  |
| Blue   |
| Orange |
| Yellow |

Overall Nominal Diameter: 0.235 in.

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 57.300 lbs/1000 ft.

Max. Recommended Pulling Tension: 179.200 lbs.

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

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                       |            |
|---------------------------------------|------------|
| NEC/(UL) Specification:               | CMP        |
| 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 |
| CSA Flame Test: | FT6      |

#### Plenum/Non-Plenum

|                    |        |
|--------------------|--------|
| Plenum (Y/N):      | Yes    |
| Non-Plenum Number: | 5306UE |

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

|                     |
|---------------------|
| Capacitance (pF/ft) |
| 34.000              |

#### Nom. Conductor DC Resistance:

|                          |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
| 6.5                      |

#### Max. Operating Voltage - UL:

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

#### Max. Recommended Current:

|                               |
|-------------------------------|
| Current                       |
| 3.5 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         |
|----------------|----------|-------------|---------|-------|-------------------|
| 6306UE 8771000 | 1,000 FT | 58.000 LB   | NATURAL | C     | 8 #18 FLRST FLRST |
| 6306UE 877500  | 500 FT   | 29.500 LB   | NATURAL |       | 8 #18 FLRST FLRST |

#### Notes:

C = CRATE REEL PUT-UP.

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