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please call

1-800-Belden1



### Description:

16 AWG bare copper conductors, PP insulation, PVC jacket with ripcord. Sequential footage marking every two feet.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4            | 16  | 19x29     | BC - Bare Copper   |

#### Insulation

##### Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|---------------------|---------------------|
| PP - Polypropylene  | 0.178               |

#### Outer Shield

##### Outer Shield Material:

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

#### Outer Jacket

##### Outer Jacket Material:

| Outer Jacket Material    | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.432                    |

Outer Jacket Ripcord: Yes

### Overall Cabling

#### Overall Cabling Lay Length & Direction:

| Length (mm) | Twists (m.) |
|-------------|-------------|
| 88.900      | 1.036       |

#### Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 5.207 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 65.183 Kg/Km

Max. Recommended Pulling Tension: 520.439 N

Min. Bend Radius (Install)/Minor Axis: 50.800 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                       |            |
|---------------------------------------|------------|
| NEC/(UL) Specification:               | CMR        |
| NEC Articles:                         | 800        |
| CEC/C(UL) Specification:              | CMG        |
| 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:    | UL1666 Vertical Riser |
| C(UL) Flame Test: | FT4                   |

#### Plenum/Non-Plenum

|                |        |
|----------------|--------|
| Plenum (Y/N):  | No     |
| Plenum Number: | 6202UE |

### Surface Printing (Overall)

### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

|                    |
|--------------------|
| Capacitance (pF/m) |
| 77.104             |

#### Nom. Conductor DC Resistance:

|                     |
|---------------------|
| DCR @ 20°C (Ohm/km) |
| 13.7802             |

#### Max. Operating Voltage - UL:

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

#### Max. Recommended Current:

|                             |
|-----------------------------|
| Current                     |
| 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      |
|-----------------|--------|-------------|-------|-------|----------------|
| 5202UE 008U1000 | 305 MT | 19.051 KG   | GRAY  |       | 4 #16 PP FRPVC |
| 5202UE 008U500  | 152 MT | 9.979 KG    | GRAY  |       | 4 #16 PP FRPVC |
| 5202UE 0081000  | 305 MT | 19.505 KG   | GRAY  | C     | 4 #16 PP FRPVC |
| 5202UE 008500   | 152 MT | 9.979 KG    | GRAY  |       | 4 #16 PP FRPVC |
| 5202UE 009U1000 | 305 MT | 19.051 KG   | WHITE |       | 4 #16 PP FRPVC |

#### Notes:

C = CRATE REEL PUT-UP.

## 5202UE Multi-Conductor - Commercial Applications

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