

5300UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



Description:

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

Usage (Overall)

Suitable Applications: Monitor/Detection, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 2 | 18 | 7x26 | BC - Bare Copper |

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------|----------------------|
| PP - Polypropylene | 0.008 |

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | 0.017 |

Outer Jacket Ripcord: Yes

Overall Cabling

Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (ft.) |
|--------------|--------------|
| 3.50 | 3.4 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |

Overall Nominal Diameter: 0.158 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 45 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.500 in.

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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 Shaft |
| C(UL) Flame Test: | FT4 |

Plenum/Non-Plenum

| | |
|----------------|--------|
| Plenum Number: | 6300UE |
|----------------|--------|

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

0.145

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

21.500

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.5

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 |
|-----------------|----------|-------------|-------|-------|----------------|
| 5300UE 001U1000 | 1,000 FT | 17.000 LB | BROWN | | 2 #18 PP FRPVC |
| 5300UE 008C500 | 500 FT | 7.500 LB | GRAY | | 2 #18 PP FRPVC |
| 5300UE 008U1000 | 1,000 FT | 17.000 LB | GRAY | | 2 #18 PP FRPVC |
| 5300UE 008U500 | 500 FT | 8.500 LB | GRAY | | 2 #18 PP FRPVC |
| 5300UE 0081000 | 1,000 FT | 16.000 LB | GRAY | C | 2 #18 PP FRPVC |
| 5300UE 008500 | 500 FT | 9.500 LB | GRAY | | 2 #18 PP FRPVC |
| 5300UE 009U1000 | 1,000 FT | 17.000 LB | WHITE | | 2 #18 PP FRPVC |
| 5300UE 0091000 | 1,000 FT | 16.000 LB | WHITE | C | 2 #18 PP FRPVC |

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| | | | | | |
|-----------------|----------|-----------|-------|---|----------------|
| 5300UE 010U1000 | 1,000 FT | 17,000 LB | BLACK | | 2 #18 PP FRPVC |
| 5300UE 010I1000 | 1,000 FT | 18,000 LB | BLACK | C | 2 #18 PP FRPVC |

Notes:

C = CRATE REEL PUT-UP.

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