

5202UL Multi-Conductor - Commercial Audio Systems



For more Information
please call

1-800-Belden1



Description:

16 AWG stranded (19x29) bare copper conductors, PP insulation, PVC jacket with ripcord, sequential footage marking every two feet.

Usage (Overall)

Suitable Applications: Fire Protections, Alarm, Signal, Monitor/Detection, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 4 | 16 | 19x29 | 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 Cable

Overall Cabling Lay Length & Direction:

| Length (in.) | Twists (ft.) |
|--------------|--------------|
| 3.500 | 3.400 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | Red |
| 3 | Brown |
| 4 | Blue |

Overall Nominal Diameter: 0.210 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 41 lbs/1000 ft.

Max. Recommended Pulling Tension: 121.500 lbs.

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Min. Bend Radius (Install)/Minor Axis: 2.125 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC(UL) Specification: FPLR

NEC Articles: 760

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): 10/01/2009

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

CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum Number: 6202UL

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

22.750

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.200

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

8.8 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 |
|-----------------|----------|-------------|-------|-------|--------------|
| 5202UL 002U1000 | 1,000 FT | 43.000 LB | RED | | 4 #16 PO PVC |

Revision Number: 0 Revision Date: 12-02-2009

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