

5101UE Multi-Conductor - Commercial Audio Systems

For more Information
please call

1-800-Belden1



General Description:

Security & Commercial Audio Cable, Riser-CL3R, 3-14 AWG stranded bare copper conductors with polyolefin insulation, PVC jacket with ripcord

Usage (Overall)

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	14	19x27	BC - Bare Copper

Total Number of Conductors: 3

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.279

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 Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (twist/m)
101.600	10.1055

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red

Overall Nominal Diameter: 5.893 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 69.945 Kg/Km

Max. Recommended Pulling Tension: 633.869 N

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Min. Bend Radius/Minor Axis: 60.325 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL3R

NEC Articles: 725

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

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

CSA Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 6101UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

72.182

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

8.30093

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5101UE 0081000	1,000 FT	49.000 LB	GRAY	C	3 #14 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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