

5100UL Multi-Conductor - Commercial Audio Systems

For more Information
please call

1-800-Belden1

**Description:**

14 AWG stranded (19x27) 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
2	14	19x27	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.011

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

Overall Nominal Diameter:

0.218 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 33 lbs/1000 ft.

Max. Recommended Pulling Tension: 95 lbs.

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: 6100UL

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

22.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.500

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

14 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
5100UL 002U1000	1,000 FT	35.000 LB	RED		2 #14 PO PVC
5100UL 0021000	1,000 FT	35.000 LB	RED	C	2 #14 PO PVC

Notes:

C = CRATE REEL PUT-UP.

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