# **Detailed Specifications & Technical Data**

## **ENGLISH MEASUREMENT VERSION**



# 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)**

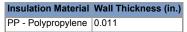
## Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material			
2	14	19x27	BC - Bare Copper			

#### Insulation

**Insulation Material:** 



#### **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.

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## **Applicable Specifications and Agency Compliance (Overall)**

# Applicable Standards & Environmental Programs

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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
ame Test	
UL Flame Test:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

6100UL

# Plenum Number:

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 22.000

Plenum/Non-Plenum

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	С	2 #14 PO PVC

#### Notes:

C = CRATE REEL PUT-UP.

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

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