Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6101UE Multi-Conductor - Commercial Audio Systems



For more Information please call

1-800-Belden1



Description:

14 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket with ripcord, sequential footage marking every two feet.

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		

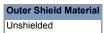
Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.010

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)	
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015	

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red

Overall Nominal Diameter: 0.232 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	0°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	52.900 lbs/1000 ft.
Max. Recommended Pulling Tension:	142.500 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.250 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

• • • • • • • • • • • • • • • • • • • •	
NEC/(UL) Specification:	CL2P
NEC Articles:	725
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:	NFPA 262

Yes

5101UE

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
.15

Plenum (Y/N):

Non-Plenum Number:

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 37.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 2.53

Max. Operating Voltage - UL:

Voltage 150 V RMS

Max. Recommended Current:

Current 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
6101UE 8771000	1,000 FT	56.000 LB	NATURAL	С	3 #14 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-27-2008

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ensure product availability.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.