

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

6100UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



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
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Physical Characteristics (Overall)

Conductor

AWG:

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

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.010

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

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:

Length (in.)
3.75

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White

Overall Nominal Diameter: 0.218 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 36 lbs/1000 ft.

Max. Recommended Pulling Tension: 95 lbs.

Min. Bend Radius/Minor Axis: 2.180 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
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	5100UE

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μ H/ft)
0.145

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
36.000

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6100UE 008U1000	1,000 FT	39.000 LB	GRAY		2 #14 FLRST FLRST
6100UE 009U1000	1,000 FT	39.000 LB	WHITE		2 #14 FLRST FLRST
6100UE 010U1000	1,000 FT	39.000 LB	BLACK		2 #14 FLRST FLRST
6100UE 877U1000	1,000 FT	39.000 LB	NATURAL		2 #14 FLRST FLRST
6100UE 8771000	1,000 FT	38.000 LB	NATURAL	C	2 #14 FLRST FLRST
6100UE 877500	500 FT	19.500 LB	NATURAL		2 #14 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

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Mouser Electronics

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