

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



For more Information
please call

1-800-Belden1

**General Description:**

Security & Commercial Audio Cable, Plenum-CL2P 2-14 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Usage (Overall)

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

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 (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.254

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.381

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:

Length (mm)	Direction	Twists (twist/m)
95.250	Left Hand	10.499

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White

Overall Nominal Diameter: 5.334 mm

Mechanical Characteristics (Overall)

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

Operating Temperature Range: -10°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 53.575 Kg/Km

Max. Recommended Pulling Tension: 422.579 N

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

Min. Bend Radius/Minor Axis: 53.340 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC(UL) Specification:	CL2P
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:	NFPA 262
CSA Flame Test:	FT6

Suitability

Suitability - Indoor:	Yes
-----------------------	-----

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)**Nom. Inductance:**

Inductance (μH/m)
0.476

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
118.116

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
8.30093

Max. Operating Voltage - UL:

Voltage
150 V RMS

Max. Recommended Current:

Description	Current
10C Temperature Rise	8 Amps per conductor @ 25°C ambient

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6100UE 004U1000	305 MT	16.783 KG	YELLOW		2 #14 FLRST FLRST
6100UE 008U1000	305 MT	16.783 KG	GRAY		2 #14 FLRST FLRST
6100UE 009U1000	305 MT	16.783 KG	WHITE		2 #14 FLRST FLRST
6100UE 009U250	76 MT	4.423 KG	WHITE		2 #14 FLRST FLRST
6100UE 010U1000	305 MT	16.783 KG	BLACK		2 #14 FLRST FLRST
6100UE 877U1000	305 MT	16.783 KG	NATURAL		2 #14 FLRST FLRST
6100UE 8771000	305 MT	16.329 KG	NATURAL	C	2 #14 FLRST FLRST

METRIC MEASUREMENT VERSION

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

6100UE 877500	152 MT	8.391 KG	NATURAL		2 #14 FLRST FLRST
6100UE 8775000	1,524 MT	86.183 KG	NATURAL		2 #14 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-09-2013

© 2013 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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