

6200UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled



For more Information
please call

1-800-Belden1



General Description:

Security & Commercial Audio Cable, Plenum-CMP 2-16 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	16	19x29	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	0.203

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)
76.200	Left Hand	13.124

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red

Overall Nominal Diameter: 4.470 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 35.717 Kg/Km

Max. Recommended Pulling Tension: 270.451 N

Min. Bend Radius/Minor Axis: 44.450 mm

6200UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
NEC Articles:	800
CEC/C(UL) Specification:	CMP
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

Non-Plenum Number:	5200UE
--------------------	--------

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.476

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
119.757

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
12.4678

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
10C Temperature Rise	6.25 Amps per conductor @ 25°C ambient

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6200UE D15Z1000	1,000 FT	27.000 LB	BLUE		2 #16 FLRST FLRST
6200UE D151000	1,000 FT	25.000 LB	BLUE		2 #16 FLRST FLRST
6200UE 002Z1000	1,000 FT	27.000 LB	RED		2 #16 FLRST FLRST
6200UE 0021000	1,000 FT	25.000 LB	RED		2 #16 FLRST FLRST
6200UE 003Z1000	1,000 FT	27.000 LB	ORANGE		2 #16 FLRST FLRST
6200UE 0031000	1,000 FT	25.000 LB	ORANGE		2 #16 FLRST FLRST
6200UE 004Z1000	1,000 FT	27.000 LB	YELLOW		2 #16 FLRST FLRST

METRIC MEASUREMENT VERSION

6200UE Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

6200UE 0041000	1,000 FT	25.000 LB	YELLOW		2 #16 FLRST FLRST
6200UE 005Z1000	1,000 FT	27.000 LB	GREEN, DARK		2 #16 FLRST FLRST
6200UE 0051000	1,000 FT	25.000 LB	GREEN, DARK		2 #16 FLRST FLRST
6200UE 007Z1000	1,000 FT	27.000 LB	VIOLET		2 #16 FLRST FLRST
6200UE 0071000	1,000 FT	25.000 LB	VIOLET		2 #16 FLRST FLRST
6200UE 008U1000	1,000 FT	25.000 LB	GRAY		2 #16 FLRST FLRST
6200UE 008Z1000	1,000 FT	27.000 LB	GRAY		2 #16 FLRST FLRST
6200UE 009U1000	1,000 FT	25.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 009U250	250 FT	7.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 009U500	500 FT	13.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 009Z1000	1,000 FT	27.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 009Z250	250 FT	9.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 009Z500	500 FT	15.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 009Z750	750 FT	21.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 0091000	1,000 FT	25.000 LB	WHITE		2 #16 FLRST FLRST
6200UE 010U1000	1,000 FT	25.000 LB	BLACK		2 #16 FLRST FLRST
6200UE 010U250	250 FT	7.000 LB	BLACK		2 #16 FLRST FLRST
6200UE 010U500	500 FT	13.000 LB	BLACK		2 #16 FLRST FLRST
6200UE 010Z1000	1,000 FT	27.000 LB	BLACK		2 #16 FLRST FLRST
6200UE 010Z500	500 FT	14.000 LB	BLACK		2 #16 FLRST FLRST
6200UE 0101000	1,000 FT	25.000 LB	BLACK		2 #16 FLRST FLRST
6200UE 012Z1000	1,000 FT	27.000 LB	PINK		2 #16 FLRST FLRST
6200UE 877U1000	1,000 FT	25.000 LB	NATURAL		2 #16 FLRST FLRST
6200UE 877U250	250 FT	7.000 LB	NATURAL		2 #16 FLRST FLRST
6200UE 877Z1000	1,000 FT	27.000 LB	NATURAL		2 #16 FLRST FLRST
6200UE 8771000	1,000 FT	25.000 LB	NATURAL	C	2 #16 FLRST FLRST
6200UE 877500	500 FT	12.500 LB	NATURAL		2 #16 FLRST FLRST

Notes:

C = CRATE REEL PUT-UP.

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

© 2019 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 2014/35/EU).