

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

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
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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

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

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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
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Plenum/Non-Plenum

Non-Plenum Number:	5200UE
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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 0041000	1,000 FT	25.000 LB	YELLOW		2 #16 FLRST FLRST
6200UE 0071000	1,000 FT	25.000 LB	VIOLET		2 #16 FLRST FLRST
6200UE 008U1000	1,000 FT	24.000 LB	GRAY		2 #16 FLRST FLRST
6200UE 009U1000	1,000 FT	24.000 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 010U1000	1,000 FT	24.000 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 0101000	1,000 FT	25.000 LB	BLACK		2 #16 FLRST FLRST
6200UE 877U1000	1,000 FT	24.000 LB	NATURAL		2 #16 FLRST FLRST
6200UE 877U250	250 FT	7.000 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.

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