Belden



Product: 6200UE

Security & Sound, 2 Conductor 16 AWG, BC, CMP

Product Description

Security & Commercial Audio Cable, Plenum-CMP, 2-16 AWG stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	16 AWG	19x29	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.008 in (0.20 mm)	0.073 in (1.9 mm)	Black, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.176 in (4.47 mm)	Yes

Overall Cable Diameter (Nominal):	0.176 in (4.47 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	3.8 Ohm/1000ft	36.5 pF/ft (120 pF/m)	0.145 µH/ft (0.476 µH/m)	18 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	80 lbs (36 kg)
Bulk Cable Weight:	23 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor

Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5200UH

History

Update and Revision:	Revision Number: 0.501 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
6200UE 010U250	Black	UnReel	250 ft	612825340126	
6200UE 010U500	Black	UnReel	500 ft	612825421689	
6200UE 010Z500	Black	ReelTuff Box	500 ft	612825426202	
6200UE 0101000	Black	Reel	1,000 ft	612825174035	
6200UE 010U1000	Black	UnReel	1,000 ft	612825174042	
6200UE 010Z1000	Black	ReelTuff Box	1,000 ft	612825435310	
6200UE D151000	Blue	Reel	1,000 ft	612825421672	
6200UE 008U1000	Gray	UnReel	1,000 ft	612825421641	
6200UE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825351078	
6200UE 0051000	Green, Dark	Reel	1,000 ft	612825421627	
6200UE 877500	Natural	Reel	500 ft	612825340133	
6200UE 8771000	Natural	Reel	1,000 ft	612825174073	C
6200UE 877U1000	Natural	UnReel	1,000 ft	612825174066	
6200UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825351030	
6200UE 0031000	Orange	Reel	1,000 ft	612825421603	
6200UE 0021000	Red	Reel	1,000 ft	612825421597	
6200UE 0071000	Violet	Reel	1,000 ft	612825421634	
6200UE 009U250	White	UnReel	250 ft	612825174028	
6200UE 009U500	White	UnReel	500 ft	612825421658	
6200UE 009Z500	White	ReelTuff Box	500 ft	612825439349	
6200UE 009U1000	White	UnReel	1,000 ft	612825174011	
6200UE 0091000	White	Reel	1,000 ft	612825174004	
6200UE 009Z1000	White	ReelTuff Box	1,000 ft	612825439325	
6200UE 0041000	Yellow	Reel	1,000 ft	612825421610	

Footnote:	C - CRATE REEL PUT-UP.

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