Belden

Product: 5200UP

Audio Cable, 2 Conductor 16 AWG, BC, Unshielded, CM

Product Description

Audio Cable, Rated-CM, 2-16 AWG highly flexible stranded bare copper conductors with PVC insulation, PVC jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Security System, Intercom/PA, Audio/Speaker, Power-Limited Controls

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	16 AWG	65x34	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0175 in (0.445 mm)	0.094 in (2.4 mm)	Black, White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.218 in (5.54 mm)	Yes

Overall Cable Diameter (Nominal):	0.218 in (5.54 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	4.05 Ohm/1000ft	30 pF/ft (98 pF/m)	0.16 µH/ft (0.52 µH/m)	15.7 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
2.2 in (56 mm)	2.2 in (56 mm)

Max. Pull Tension:	65 lbs (29 kg)
Bulk Cable Weight:	26 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 UL loading , IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CM
European Directive Compliance:	EU CE Mark, 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)

History

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

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
5200UP 010500	Black	Reel	500 ft	612825157670	C
5200UP 010U500	Black	UnReel	500 ft	612825421436	
5200UP 0101000	Black	Reel	1,000 ft	612825157694	
5200UP 010U1000	Black	UnReel	1,000 ft	612825157687	
5200UP 010Z1000	Black	ReelTuff Box	1,000 ft	612825157571	
5200UP D15500	Blue	Reel	500 ft	612825157557	C
5200UP D15U500	Blue	UnReel	500 ft	612825421405	
5200UP D151000	Blue	Reel	1,000 ft	612825157588	
5200UP D15U1000	Blue	UnReel	1,000 ft	612825157564	
5200UP D15Z1000	Blue	ReelTuff Box	1,000 ft	612825157755	
5200UP 008U500	Gray	UnReel	500 ft	612825421412	
5200UP 0081000	Gray	Reel	1,000 ft	612825157618	C
5200UP 008U1000	Gray	UnReel	1,000 ft	612825157625	
5200UP 008Z1000	Gray	ReelTuff Box	1,000 ft	612825157663	
5200UP 005500	Green, Dark	Reel	500 ft	612825359074	
5200UP 005U500	Green, Dark	UnReel	500 ft	612825157632	
5200UP 0051000	Green, Dark	Reel	1,000 ft	612825157601	
5200UP 009U500	White	UnReel	500 ft	612825421429	
5200UP 0091000	White	Reel	1,000 ft	612825157649	C
5200UP 009U1000	White	UnReel	1,000 ft	612825157656	
5200UP 009Z1000	White	ReelTuff Box	1,000 ft	612825336549	

Footnote:	C - CRATE REEL PUT-UP.

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