Belden



Product: 6T00UP

Audio Cable, 2 Conductor 10 AWG, BC, CL2P

Product Description

Audio Cable, Plenum-CL2P, 2-10 AWG highly flexible stranded (65x28) bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	High Flex Audio/Speaker

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	2	10 AWG	65x28	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.011 in (0.28 mm)	0.134 in (3.40 mm)	Black, White

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.302 in (7.67 mm)	Yes

Overall Cable Diameter (Nominal):	0.302 in (7.67 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Conductor(s)	1.07 Ohm/1000ft	28 pF/ft (92 pF/m)	0.14 µH/ft (0.46 µH/m)	27.8 Amps per Conductor at 25ºC

Nom Outer Shield DCR@Cond DCR1-cnv:	1.04 Ohm/1000ft (3.41 Ohm/km)

Voltage

UL Voltage Rating
150 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
3.02 in (76.7 mm)	3.02 in (76.7 mm)

Max. Pull Tension:	260 lbs (120 kg)
Bulk Cable Weight:	81 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum)
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL2P
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)
Non-Plenum Number:	5T00UP

History

Update and Revision:	Revision Number: 0.510 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
6T00UP 0091000	White	Reel	1,000 ft	612825436515
6T00UP 0095000	White	Reel	5,000 ft	612825433521

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