


**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
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**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 (3.51 Ohm/km)	28 pF/ft (92 pF/m)	0.14 $\mu$ H/ft (0.46 $\mu$ H/m)	27.8 Amps per Conductor at 25°C
Nom Outer Shield DCR:		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 (120 kg/km)

## 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: 0.653 Revision Date: 01-15-2026
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## 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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