

**Part Number: 6T00UP**

Audio Cable, 2 Conductor 10 AWG BC, CL2P



### Product Description

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

### Technical Specifications

#### Product Overview

Environmental Space:	Indoor - Plenum
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Conductors
10	65x28	BC - Bare Copper	2

Conductor Count:	2
Conductor Size:	10 AWG

##### Insulation

Material	Material Trade Name	Nominal Wall Thickness
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.011 in

##### Color Chart

Number	Color
1	Black
2	White

##### Outer Shield Material

Material
Unshielded

##### Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Ripcord
LS PVC - Low Smoke Polyvinyl Chloride	Flamarrest®	0.302 in	0.017 in	Yes

#### Construction and Dimensions

##### Cabling

Lay Direction	Twists
Left Hand	2.82 twist/ft

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR
1.07 Ohm/1000ft

##### Capacitance

<b>Nom. Capacitance Conductor to Conductor</b>
28 pF/ft

#### Inductance

<b>Nominal Inductance</b>
0.14 $\mu$ H/ft

#### Current

Element	Max. Recommended Current [A]
35C Temperature Rise	27.8 Amps per conductor @ 25°C

#### Voltage

<b>UL Voltage Rating</b>
150 V RMS

#### Temperature Range

Operating Temp Range:	-20°C To +75°C
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#### Mechanical Characteristics

Bulk Cable Weight:	81 lbs/1000ft
Max Recommended Pulling Tension:	260 lbs
Min Bend Radius/Minor Axis:	3.1 in

#### Standards

NEC Articles:	725
NEC/(UL) Specification:	CL2P
CPR Euroclass:	Eca

#### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

#### Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	150 V RMS

#### Plenum/Non-Plenum

Plenum (Y/N):	Yes
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#### Part Number

Non-Plenum Number:	5T00UP
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#### Variants

Item #	Color	UPC	Length
6T00UP 0091000	White	612825436515	1,000 ft

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