

6T00UP Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

For more Information
please call

1-800-Belden1

**General Description:**

Commercial Audio Cable, Rated-CL2P, 2-10 AWG highly flexible stranded bare copper conductors with Flamarrest® insulation, Flamarrest® jacket with ripcord

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
2	10	65x28	BC - Bare Copper

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Trade Name	Insulation Material	Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.279

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.432

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (mm)	Direction	Twists (twist/m)
107.950	Left Hand	9.252

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White

Overall Nominal Diameter: 7.671 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Bulk Cable Weight: 120.544 Kg/Km

Max. Recommended Pulling Tension: 1156.532 N

Min. Bend Radius/Minor Axis: 78.740 mm

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CL2P (audio use only)

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NEC Articles:	725
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	NFPA 262
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CSA Flame Test:	FT6
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Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
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Non-Plenum Number:	5T00UP
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Electrical Characteristics (Overall)**Nom. Inductance:**

Inductance (µH/m)
0.45934

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
91.868

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
3.51067

Max. Operating Voltage - UL:

Voltage
150 V RMS

Max. Recommended Current:

Description	Current
35C Temperature Rise	27.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6T00UP 0091000	1,000 FT	85.000 LB	WHITE		1 PR #10 FLRST FLRST

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