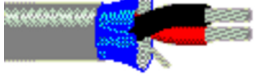




**Product:** [9451PS6](#)

Audio Snake Cable, 6 Pair 22 AWG, TC, Indiv. Shielded, CMP



### Product Description

Audio Snake Cable, 6 Pair 22 AWG tinned copper pairs, FEP insulation, drain, individually shielded with Beldfoil® bonded to numbered PVC jackets so both strip simultaneously, Plenum Flamarrest® jackets, Banana Peel construction

### Technical Specifications

#### Product Overview

Suitable Applications:	Multi-channel interconnect between audio equipment such as microphones, speakers, amplifiers, mixing consoles; Live events or studio sound; Analog audio
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.0285 in	6

Conductor Count:	12
Total Number of Pairs:	6

##### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.0425 in	0.007 in

##### Color Chart

Number	Color
1	Black & Red

##### Inner Jacket

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.127 in

##### Outer Shield

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.019 in	22	7x30

##### Outer Jacket

Material	Material Trade Name	Nominal Diameter
Banana Peel (No Overall Jacket)	Flamarrest®	0.381 in

#### Electrical Characteristics

##### Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
14.1 Ohm/1000ft	14.1 Ohm/1000ft		14.3 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
35 pF/ft	67 pF/ft

## Inductance

### Nominal Inductance

0.15 µH/ft

## Delay

### Nominal Delay Nominal Velocity of Propagation (VP) [%]

1.47 ns/ft 69%

## Current

### Max. Recommended Current [A]

2.9 Amps per Conductor at 25°C

## Voltage

### UL Voltage Rating

300 V RMS

## Temperature Range

UL Temp Rating:	60°C
Operating Temperature Range:	-20°C To +75°C

## Mechanical Characteristics

Bulk Cable Weight:	88 lbs/1000ft
Max. Pull Tension:	162 lbs
Min. Bend Radius/Minor Axis:	4 in

## Standards

NEC/(UL) Compliance:	CMP
CEC/C(UL) Compliance:	CMP

## Applicable Environmental and Other Programs

Environmental Space:	Indoor - Plenum
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

UL Flammability:	NFPA 262
CSA Flammability:	FT6
UL voltage rating:	300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	Yes
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	UPC
9451PS6 010500	Black	Reel	500 ft	612825253150
9451PS6 0101000	Black	Reel	1,000 ft	612825253143
9451PS6 008500	Gray	Reel	500 ft	612825253136
9451PS6 0081000	Gray	Reel	1,000 ft	612825253129

## Product Notes

Notes:	The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.
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## History

Update and Revision:	Revision Number: 0.370 Revision Date: 01-10-2024
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