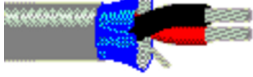




Product: [9451PS4](#)

Audio Snake Cable, 4 Pair 22 AWG, TC, Indiv. Shielded, CMP



Product Description

Audio Snake Cable, 4 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:	Recording Studio, Radio Broadcast, Sports Stadium, Nurse Call
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.0285 in	4

Conductor Count:	8
Total Number of Pairs:	4

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

Element
42741

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	0.030 in	22	7x30

Outer Jacket

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	Flamarrest®	0.127 in	0.017 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:	60 lbs/1000ft
Max. Pull Tension:	108 lbs
Min. Bend Radius/Minor Axis:	3.25 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
9451PS4 010500	Black	Reel	500 ft	612825253112
9451PS4 0101000	Black	Reel	1,000 ft	612825253105
9451PS4 008500	Gray	Reel	500 ft	612825253099
9451PS4 0081000	Gray	Reel	1,000 ft	612825253082

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: 0.368 Revision Date: 12-22-2023
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