

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

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 Temp 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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Part Number

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

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