



REPRESENTATIVE IMAGE

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

Line Level Audio Cable, 1 Pr #22 Str TC, O/A Foil, Flamarrest® Jkt, CMP

## Product Description

Line Level Audio Cable, 1 Pair 22 AWG (7 x 30) Tinned Copper, FEP insulation, Overall Beldfoil® Shield, Flamarrest® Jacket, CMP

## Technical Specifications

### Product Overview

Suitable Applications:	Line level audio; Low voltage analog signals and control
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.008	Black & Red

#### Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.017 in	0.127 in

Table Notes:	Jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.
Cable Diameter (Nominal):	0.127 in

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Pair(s)	14.1 Ohm/1000ft	35 pF/ft	67 pF/ft	2.9 Amps per conductor @ 25°C
Nom Outer Shield DCR:		14.3 Ohm/1000ft		

#### Voltage

<b>UL Voltage Rating</b>
300 V (CMP)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
60°C	-20°C to +75°C

#### Bend Radius

Stationary Min.	Installation Min.
1.25 in	1.3 in

Max. Pull Tension:	27 lbs
Bulk Cable Weight:	14 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Fire Resistance:	NFPA 262, UL 910 (Plenum), FT6, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	9451

## History

Update and Revision:	Revision Number: 0.339 Revision Date: 08-25-2020
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