



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	Nom. Insulation Diameter	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.008 in (0.20 mm)	0.044 in (1.1 mm)	Black & Red

Outer Shield

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

Outer Jacket

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	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 (3.23 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Velocity of Prop.	Max. Current
Pair(s)	14.1 Ohm/1000ft (46.3 Ohm/km)	35 pF/ft (110 pF/m)	67 pF/ft (220 pF/m)	69%	2.9 Amps per conductor @ 25°C
Nom. Outer Shield DCR:		14.3 Ohm/1000ft			

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.3 in (33 mm)	1.3 in (33 mm)

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	14 lbs/1000ft (21 kg/km)

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 2), 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: 0.359 Revision Date: 07-02-2021
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