



Product: [9451DP](#)

Line Level Audio Cable, 2 Parallel Pr #22 Str TC, O/A Foil, Flamarrest® Jkt, CMP

Product Description

Line Level Audio Cable, 2 Parallel 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	No. of Elements	Size	Stranding	Material
Pair(s)	2	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. 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, Black & White

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.127 in (3.23 mm)

Outer Jacket1 Table Notes:	Jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.
Overall Cable Diameter (Nominal):	0.269 in (6.83 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Delay	Nom. Inductance	Nom. Velocity of Prop.	Max. Current
Pair(s)	18.2 Ohm/1000ft	35 pF/ft (110 pF/m)	67 pF/ft (220 pF/m)	42 Ohm	1.47 ns/ft	0.15 µH/ft (0.49 µH/m)	69%	2.8 Amps per Conductor at 25°C

Nom Outer Shield DCR:	13.93 Ohm/1000ft (45.70 Ohm/km)
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Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

UL Temperature	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:	45.5 lbs (20.6 kg)
Bulk Cable Weight:	24 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL910), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP.
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:	9451D

History

Update and Revision:	Revision Number: 0.484 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9451DP 009500	White	Reel	500 ft	612825353249	
9451DP 009Z500	White	ReelTuff Box	500 ft	612825439370	
9451DP 0091000	White	Reel	1,000 ft	612825433958	C
9451DP 0095000	White	Reel	5,000 ft	612825435174	
9451DP 00910000	White	Reel	10,000 ft	612825377030	

Footnote:	C - CRATE REEL PUT-UP.
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