



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)

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 Impedance	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	69%	2.8 Amps per Conductor at 25°C

##### 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: 0.483 Revision Date: 02-03-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9451DP 009Z250	White	ReelTuff Box	250 ft	612825439363	
9451DP 009500	White	Reel	500 ft	612825353249	
9451DP 009Z500	White	ReelTuff Box	500 ft	612825439370	
9451DP 009Z750	White	ReelTuff Box	750 ft	612825252894	
9451DP 0091000	White	Reel	1,000 ft	612825433958	C
9451DP 009Z1000	White	ReelTuff Box	1,000 ft	612825439301	
9451DP 0095000	White	Reel	5,000 ft	612825435174	
9451DP 00910000	White	Reel	10,000 ft	612825377030	

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