

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

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	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

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):	0.127 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)	18.2 Ohm/1000ft	35 pF/ft (110 pF/m)	67 pF/ft (220 pF/m)	69%	4.4 Amps per conductor @ 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:	27 lbs (12 kg)
Bulk Cable Weight:	14 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262 (UL910), FT6, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	9451

History

Update and Revision:	Revision Number: 0.374 Revision Date: 12-19-2022

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
9451P 010Z250	Black	ReelTuff Box	250 ft	612825435273
9451P 010500	Black	Reel	500 ft	612825253068
9451P 010Z500	Black	ReelTuff Box	500 ft	612825252870
9451P 0101000	Black	Reel	1,000 ft	612825352952
9451P 010U1000	Black	UnReel	1,000 ft	612825435259
9451P 010Z1000	Black	ReelTuff Box	1,000 ft	612825445340
9451P 0105000	Black	Reel	5,000 ft	612825253044
9451P 006U1000	Blue, Light	UnReel	1,000 ft	612825435228
9451P 006Z1000	Blue, Light	ReelTuff Box	1,000 ft	612825252993
9451P 001U1000	Brown	UnReel	1,000 ft	612825435198
9451P 001Z1000	Brown	ReelTuff Box	1,000 ft	612825252917
9451P 0015000	Brown	Reel	5,000 ft	612825252887
9451P 008U1000	Gray	UnReel	1,000 ft	612825435235
9451P 008Z1000	Gray	ReelTuff Box	1,000 ft	612825253037
9451P 0085000	Gray	Reel	5,000 ft	612825253006
9451P N3UU1000	Green, Mil	UnReel	1,000 ft	612825435266
9451P N3UZ1000	Green, Mil	ReelTuff Box	1,000 ft	612825253075
9451P N3U5000	Green, Mil	Reel	5,000 ft	612825252863
9451P 003U1000	Orange	UnReel	1,000 ft	612825435204
9451P 003Z1000	Orange	ReelTuff Box	1,000 ft	612825252955
9451P 0035000	Orange	Reel	5,000 ft	612825252924
9451P 002U1000	Red	UnReel	1,000 ft	612825252931
9451P 0025000	Red	Reel	5,000 ft	612825252900
9451P 007U1000	Violet	UnReel	1,000 ft	612825253013
9451P 0075000	Violet	Reel	5,000 ft	612825252986
9451P 009U1000	White	UnReel	1,000 ft	612825435242
9451P 009Z1000	White	ReelTuff Box	1,000 ft	612825253051
9451P 0095000	White	Reel	5,000 ft	612825253020
9451P 004U1000	Yellow	UnReel	1,000 ft	612825435211
9451P 004Z1000	Yellow	ReelTuff Box	1,000 ft	612825252979
9451P 0045000	Yellow	Reel	5,000 ft	612825252948
9451P 0065000	Yellow	Reel	5,000 ft	612825252962

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