

Product: [9451D](#) 

Line Level Audio Cable, 2 Parallel Pr #22 Str TC, O/A Foil, PVC Jkt, CMR



Product Description

Line Level Audio Cable, 2 Parallel Pair 22 AWG (7 x 30) Tinned Copper, PP Insulation, Overall Beldfoil® Shield, PVC Jacket, CMR

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)	2	22	7x30	TC - Tinned Copper

Insulation

Element	Material	Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.009 in	0.046	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	0.020 in	0.135 in

Table Notes:	Jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield. For cross-connect use with 1814R (et. al.) Snake Cables.
Cable Diameter (Nominal):	.135 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
Pair(s)	14.1 Ohm/1000ft	34 pF/ft	67 pF/ft	45 Ohm	66%	2.9 Amps per conductor @ 25°C
Nom Outer Shield DCR:		14.3 Ohm/1000ft				

Voltage

UL Voltage Rating
300 V (CMR)

Mechanical Characteristics

Temperature

UL Rating	Operating
105°C	-30°C to +105°C

Bend Radius

Stationary Min.	Installation Min.
1.5 in	1.4 in

Max. Pull Tension:	54 lbs
Bulk Cable Weight:	27 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Flammability / Fire Resistance:	UL1666 Riser, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CEC / C(UL) Compliance:	CMR
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)
Plenum Number:	9451DP

History

Update and Revision:	Revision Number: 0.354 Revision Date: 03-17-2021
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