



REPRESENTATIVE IMAGE

**Product:** [9451](#)

Audio Cable, 1 Pair 22 AWG TC, Shielded, Riser

## Product Description

Audio Cable, 1 Pair 22 AWG stranded (7x30) tinned copper pair, polypropylene insulation, Beldfoil® shield, drain, Riser, PVC jacket.

## Technical Specifications

### Product Overview

Suitable Applications:	Automatic Stripping Equipment; Low Voltage analog Signals (4-20mA, 0-10V, ...); Low Voltage Digital Control (24V, ...); Line Level audio; Computer Communication; Panel Wiring
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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 [in.]	Color Code
Pair(s)	PP - Polypropylene	0.009	Black & Red

#### Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type	Notes
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC	Jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in	0.135 in

Cable Diameter (Nominal): 0.135 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	35 pF/ft	67 pF/ft	45 Ohm	66%	2.9 Amps per Conductor at 25°C
Nom Outer Shield DCR:		14.3 Ohm/1000ft				

#### Voltage

UL Voltage Rating
300 V (CMR)

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

Stationary Min.	Installation Min.
1.5 in	1.4 in

Max. Pull Tension:	27 lbs
Bulk Cable Weight:	14 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor - Riser, Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1666 Vertical Shaft, FT4, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMR
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	9451P

## Product Notes

Notes:	For cross-connect, use with 1814R (et. al.) Snake Cables.
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## History

Update and Revision:	Revision Number: 0.373 Revision Date: 09-30-2020
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