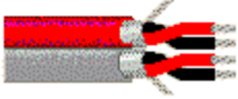


Product: [1504A](#) 

Audio Cable, #22-2pr, TC, O/A Foil, CM



Product Description

Audio Cable, CM-Rated, 2-22 AWG stranded tinned copper pairs with PVC insulation, Beldfoil® shield, drain, PVC jacket, parallel construction

Technical Specifications

Product Overview

Suitable Applications:	for use with automatic stripping equipments; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); stereo audio; computer communication; panel wiring
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	19x34	TC - Tinned Copper	0.030 in	2

Conductor Count:	4
Total Number of Pairs:	2

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.050 in	0.01 in

Color Chart

Number	Color
1	Black & Red
2	Black & Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	0.024 in	24	7x30

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.286 in	0.020 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
13.7 Ohm/1000ft	13.7 Ohm/1000ft		18 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
57 pF/ft	100 pF/ft

Inductance

Nominal Inductance
0.18 µH/ft

Impedance

Nominal Characteristic Impedance
45 Ohm

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.5 ns/ft	66%

Current

Max. Recommended Current [A]
2.9 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
150 V RMS

Temperature Range

UL Temp Rating:	60°C
Operating Temp Range:	-30°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	30 lbs/1000ft
Max. Pull Tension:	25 lbs
Min. Bend Radius/Minor Axis:	1.5 in

Standards

NEC/(UL) Compliance:	CM
CEC/C(UL) Compliance:	CM
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	150 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
1504A J77U1000	Black and Red Pair	UnReel	1,000 ft	612825116165
1504A 0531000	Red and Gray Pair	Reel	1,000 ft	612825116189
1504A 053U1000	Red and Gray Pair	UnReel	1,000 ft	612825116172
1504A 0532000	Red and Gray Pair	Reel	2,000 ft	612825116196

1504A A5QU1000	Red and Green Pair	UnReel	1,000 ft	612825116134
1504A A5Q2000	Red and Green Pair	Reel	2,000 ft	612825116141
1504A G04U1000	Red and Purple Pair	UnReel	1,000 ft	612825116158

Footnote:	C - CRATE REEL PUT-UP.
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Product Notes

Notes:	Overall Nominal Diameter: 0.143 x 0.286 in. The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.
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History

Update and Revision:	Revision Number: 0.334 Revision Date: 08-27-2021
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