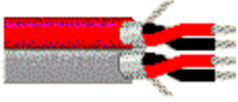


Part Number: 1504A

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

Environmental Space:	Indoor (Not Riser or Plenum)
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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
Conductor Size:	22 AWG

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	Aluminum Foil-Polyester Tape	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
	0.286 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

Shielding:	Foil(s) or Copper Tape(s)
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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 @ 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 Recommended Pulling Tension:	25 lbs
Min Bend Radius/Minor Axis:	1.5 in

Standards

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

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
UL Voltage Rating:	150V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
1504A J77U1000	BLACK & RED PAIR	
1504A 0531000	RED & GRAY PAIR	
1504A 0532000	RED & GRAY PAIR	C
1504A 053U1000	RED & GRAY PAIR	

1504A A5Q2000	RED & GREEN PAIR	C
1504A A5QU1000	RED & GREEN PAIR	
1504A G04U1000	RED & PURPLE PAIR	

Footnote:

C - CRATE REEL PUT-UP.

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