

**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
AWG Size:	22

#### 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

#### 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
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**Part Number**

Plenum (Y/N):	No
Footnote:	C - CRATE REEL PUT-UP.

**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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