

**Part Number:** 1508A

Audio Cable, #24-2c, TC, O/A Foil, CM



**Product Description**

Audio Cable, CM-Rated, 1-24 AWG stranded tinned copper pair with polyolefin insulation, Beldfoil® shield, drain, PVC jacket

**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
24	7x32	TC - Tinned Copper	0.024 in	1

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	24 AWG

**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PO - Polyolefin	0.04 in	0.008 in

**Color Chart**

Number	Color
1	Black & Red

**Outer Shield Material**

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire Diameter	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	0.024 in	24	7x32

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
PVC - Polyvinyl Chloride	0.131 in	0.024 in	Yes
	0.131 in		

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
23.3 Ohm/1000ft	23.3 Ohm/1000ft		15.9 Ohm/1000ft

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
31 pF/ft	58 pF/ft

**Inductance**

Nominal Inductance
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0.18 µH/ft

#### Impedance

##### Nominal Characteristic Impedance

50 Ohm

#### Delay

##### Nominal Velocity of Propagation (VP) [%]

66 %

#### Current

##### Max. Recommended Current [A]

1.05 Amps per conductor @ 25°C

#### Voltage

##### UL Voltage Rating

300 V RMS

### Temperature Range

UL Temp Rating:	60°C
Operating Temp Range:	-20°C To +60°C

### Mechanical Characteristics

Bulk Cable Weight:	11 lbs/1000ft
Max Recommended Pulling Tension:	16.5 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):	2004-01-01
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 voltage rating:	300 V RMS
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### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Part Number

#### Variants

Item #	Color	Footnote
1508A B591000	Black, Matte	C
1508A B59500	Black, Matte	

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

Notes:

Jacket and shield are bonded so both can be removed with automatic stripping equipment.

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