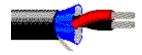


Product: <u>1508A</u> ☑



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**

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

## **Construction Details**

### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	24 AWG	7x32	TC - Tinned Copper

### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.04 in mm	Black & Red

## Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Таре	Tri-Laminate (Alum+Poly+PVC)	100%	24 AWG (7x32) TC

### Outer Jacket

Material	Nom. 1	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.024 in	(0.61 mm)	0.131 in
Overall Cable Diameter (Nominal):		0.131 in	

### **Electrical Characteristics**

## Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Velocity of Prop.	Max. Current
28.3 Ohm/1000ft	31 pF/ft (100 pF/m)	58 pF/ft (190 pF/m)	66%	3.3 Amps per Conductor at 25°C

### Voltage



## **Mechanical Characteristics**

### Temperature

<b>UL Temperature</b>	Operating
60°C	-20°C To +60°C

## Bend Radius

Stationary Min.	Installation Min.
1.31 in (33.3 mm)	1.31 in

Max. Pull Tension:	16.5 lbs (7.48 kg)	
Bulk Cable Weight:	11 lbs/1000ft	

### **Standards and Compliance**

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 UL Loading, UL 1685 Vertical Tray, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

### **Product Notes**

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

## **History**

Update and Revision: Revision Number: 0.447 Revision Date: 02-15-2024	
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#### **Part Numbers**

# Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1508A B59500	Black, Matte	Reel	500 ft	612825116721	
1508A B591000	Black, Matte	Reel	1,000 ft	612825116714	С

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