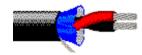


Product: <u>1508A</u> ☑



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

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 I	Total Number of Pairs:		1	

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	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	Bi-Laminate (Alum+Poly)	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

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 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 at 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. Pull Tension:	16.5 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 Yes	
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)	
EU CE Mark:	Yes	
MII Order #39 (China RoHS):	Yes	

Suitability

Suitability - Indoor: Yes

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

Item #	Color	Putup Type	Length	UPC	
1508A B59500	Black, Matte	Reel	500 ft	612825116721	
1508A B591000	Black, Matte	Reel	1,000 ft	612825116714	
Footnote:	Footnote: C - CRATE REEL PUT-U				

Product Notes

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

History

Update and Revision: Revision Number: 0.330 Revision Date: 07-12-2021

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