

Part Number: 1883A

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



Product Description

Audio Cable, Riser-CMR, 1-24 AWG stranded tinned copper pair with polypropylene insulation, Beldfoil® shield, drain, PVC jacket

Technical Specifications

Product Overview

Environmental Space:	Indoor - Riser
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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
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	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	0.024 in	24	7x32

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.121 in	0.020 in
	0.121 in	

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
23.5 Ohm/1000ft	23.5 Ohm/1000ft		18.5 Ohm/1000ft

Capacitance

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

Shielding:	Foil(s) or Copper Tape(s)
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Inductance

Nominal Inductance
0.17 µH/ft

Impedance

Nominal Characteristic Impedance

52 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]

66 %

Current

Max. Recommended Current [A]

2 Amps per conductor @ 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

Operating Temp Range: -30°C To +60°C

Mechanical Characteristics

Bulk Cable Weight: 10 lbs/1000ft

Max Recommended Pulling Tension: 16 lbs

Min Bend Radius/Minor Axis: 1.25 in

Standards

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

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: No

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

Flammability, LSOH, Toxicity Testing

UL Flammability: UL1685 UL Loading

CSA Flammability: FT4

UL Voltage Rating: 300V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

Item #	Color
1883A 0101000	BLACK
1883A 010U1000	BLACK
1883A 010N1000	BLACK
1883A 010N2000	BLACK

1883A 010N2000	BLACK
1883A 0061000	BLUE, LIGHT
1883A 006U1000	BLUE, LIGHT
1883A 006N1000	BLUE, LIGHT
1883A 006N2000	BLUE, LIGHT
1883A 006N2000	BLUE, LIGHT
1883A 0011000	BROWN
1883A 001U1000	BROWN
1883A 001N1000	BROWN
1883A 0081000	GRAY
1883A 008U1000	GRAY
1883A 008N1000	GRAY
1883A 008N2000	GRAY
1883A 008N2000	GRAY
1883A N3U1000	GREEN, MIL
1883A N3UU1000	GREEN, MIL
1883A N3UN1000	GREEN, MIL
1883A N3UN2000	GREEN, MIL
1883A 0021000	RED
1883A 002U1000	RED
1883A 002N1000	RED
1883A 002N2000	RED
1883A 002N2000	RED
1883A 0071000	VIOLET
1883A 007U1000	VIOLET
1883A 0091000	WHITE
1883A 009U1000	WHITE
1883A 004N1000	YELLOW
1883A 004N2000	YELLOW

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