

Part Number: 1266A

Audio Cable, #22-2c, TC, O/A Foil, CM



Product Description

Audio Cable, CM-Rated, 2-22 AWG stranded tinned copper conductors with polypropylene 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
22	7x30	TC - Tinned Copper	0.0285 in	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.0485 in	0.01 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
PVC - Polyvinyl Chloride	0.143 in	0.02 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR
15 Ohm/1000ft	15 Ohm/1000ft		18 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/ft	54 pF/ft

Inductance

Nominal Inductance
0.18 µH/ft

Impedance

Nominal Characteristic Impedance

55 Ohm

Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.5 ns/ft	66 %

Current**Max. Recommended Current [A]**

2.3 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:	14 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):	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 Flammability:	UL1685 UL Loading
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number**Variants**

Item #	Color	UPC	Length	Footnote
1266A 0101000	Black	612825110040	1,000 ft	C
1266A 010U1000	Black	612825110033	1,000 ft	
1266A 006U1000	Blue, Light	612825109990	1,000 ft	
1266A 001U1000	Brown	612825109945	1,000 ft	
1266A 008U1000	Gray	612825110019	1,000 ft	

1266A 005U1000	Green, Dark	612825109983	1,000 ft	
1266A 003U1000	Orange	612825109969	1,000 ft	
1266A 002U1000	Red	612825109952	1,000 ft	
1266A 007U1000	Violet	612825110002	1,000 ft	
1266A 009U1000	White	612825110026	1,000 ft	
1266A 004U1000	Yellow	612825109976	1,000 ft	

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

Notes:	Unique design features lower capacitance and greater flexibility than standard audio pair constructions.
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History

Update and Revision:	Revision Number: 0.251 Revision Date: 08-22-2019
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