


Product: [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

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

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	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 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:	14 lbs/1000ft
Max. Pull Tension:	25 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
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
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	Put-Up Type	Length	UPC
1266A 0101000	Black	Reel	1,000 ft	612825110040
1266A 010U1000	Black	UnReel	1,000 ft	612825110033
1266A 006U1000	Blue, Light	UnReel	1,000 ft	612825109990
1266A 001U1000	Brown	UnReel	1,000 ft	612825109945
1266A 008U1000	Gray	UnReel	1,000 ft	612825110019
1266A 005U1000	Green, Dark	UnReel	1,000 ft	612825109983

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

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: 0.337 Revision Date: 12-15-2021
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