



**Part Number:** 9451

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

## Product Description

Audio Cable, Riser-CMR ,1-22 AWG stranded tinned copper pair, polypropylene insulation, Beldfoil® shield, drain, PVC jacket

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.008 in

#### Color Chart 1:

Number	Color
1	Black & Red

#### Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	22	7x30 mm

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.135 in	0.02 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
14.1 Ohm/1000ft	14.3 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
35 pF/ft	67 pF/ft

### Impedance:

Nominal Characteristic Impedance
45 Ohm

### Delay:

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

### Current:

Max. Recommended Current [A]
2.9 Amps per conductor @ 25°C

### Inductance:

Nominal Inductance
0.17 µH/ft

### Voltage:

UL Voltage Rating
300V RMS

## Use

Max Recommended Pulling Tension:	27 lbs
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## Safety

CSA Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft

## Temperature Range

Operating Temp Range:	-20°C To +75°C
UL Temp Rating:	60°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	1.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CMR
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## History

Notes:	The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield. For cross-connect use with 1814R (et. al.) Snake Cables.
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## Product Variants

Part Number	Color	Put-Up Type	Length
9451 0015000	BROWN	Reel	5000 ft
9451 001U1000	BROWN	UnReel	1000 ft
9451 0025000	RED	Reel	5000 ft
9451 002U1000	RED	UnReel	1000 ft
9451 0035000	ORANGE	Reel	5000 ft
9451 003U1000	ORANGE	UnReel	1000 ft
9451 0045000	YELLOW	Reel	5000 ft
9451 004U1000	YELLOW	UnReel	1000 ft
9451 0065000	BLUE, LIGHT	Reel	5000 ft
9451 006U1000	BLUE, LIGHT	UnReel	1000 ft
9451 0075000	VIOLET	Reel	5000 ft
9451 007U1000	VIOLET	UnReel	1000 ft
9451 0085000	GRAY	Reel	5000 ft
9451 008500	GRAY	Reel	500 ft
9451 008T1000	GRAY		1000 ft
9451 008U1000	GRAY	UnReel	1000 ft
9451 008U500	GRAY	UnReel	500 ft
9451 0095000	WHITE	Reel	5000 ft
9451 009U1000	WHITE	UnReel	1000 ft
9451 0101000	BLACK	Reel	1000 ft
9451 0105000	BLACK	Reel	5000 ft
9451 010U1000	BLACK	UnReel	1000 ft
9451 N3U5000	GREEN, MIL	Reel	5000 ft
9451 N3UU1000	GREEN, MIL	UnReel	1000 ft

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