



Part Number: 9451D

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

Product Description

Audio Cable, Riser-CMR, 2-22 AWG stranded tinned copper pairs, polyolefin insulation, Beldfoil® shield, drain, PVC jacket, parallel construction

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	2
Total Number of Conductors:			4

Insulation:

Material	Nominal Wall Thickness
PO - Polyolefin	0.008 in

Color Chart 1:

Number	Color
1	Black & Red
2	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 x 0.27 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
34 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
0.16 μ H/ft

Voltage:

UL Voltage Rating
300V RMS V

Use

Max Recommended Pulling Tension:	54 lbs
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Safety

CSA Flammability:	FT4
UL Flammability:	UL1666 Vertical Shaft

Temperature Range

Operating Temp Range:	-30°C To +105°C °C
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UL Temp Rating:	105°C °C
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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
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CEC/C(UL) Specification:	CMR
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MII Order #39 (China RoHS):	Yes
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NEC/(UL) Specification:	CMR
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EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	Yes
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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
9451D	RED & GRAY PAIR	UnReel	1000 ft
9451D	RED & GRAY	UnReel	305 m
9451D 053U1000	RED & GRAY PAIR	UnReel	1000 ft
9451D	RED & GREEN PAIR	Reel	2000 ft
9451D	RED & GREEN	Reel	610 m
9451D A5Q2000	RED & GREEN PAIR	Reel	2000 ft
9451D	RED & GREEN PAIR	UnReel	1000 ft
9451D	RED & GREEN	UnReel	305 m
9451D A5QU1000	RED & GREEN PAIR	UnReel	1000 ft
9451D	RED & PURPLE PAIR	UnReel	1000 ft
9451D	RED & PURPLE	UnReel	305 m
9451D G04U1000	RED & PURPLE PAIR	UnReel	1000 ft
9451D	BLACK & RED PAIR	UnReel	1000 ft
9451D	RED & BLACK	UnReel	305 m
9451D J77U1000	BLACK & RED PAIR	UnReel	1000 ft
9451D			

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