



**Product:** [9223](#)

Audio Coax, Low Noise, 22 AWG Str TC, Foil + 95% TC Brd, PVC Jkt

### Product Description

Audio Coax, Low Noise, 22 AWG (7x30) Tinned Copper Conductor, Inner PE Conductive Layer, PE Insulation, Duobond® II + 95% Tinned Copper Braid Shield, PVC Jacket

### Technical Specifications

#### Product Overview

Suitable Applications:	Low noise microphone, Analog audio, Instrumentation
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#### Construction Details

##### Conductor

AWG	Stranding	Nom. Diameter	Material
22	7x30	0.029 in	TC - Tinned Copper

##### Insulation

Material	Nom. Diameter
PE - Polyethylene (Conductive)	0.036 in
PE - Polyethylene	0.112 in

##### Outer Shield Material

Layer	Outer Shield Type	Material	Material Trade Name	Coverage
1	Tape	Tri-Laminate (Alum+Poly+Alum)	Duobond® II	100%
2	Braid	Tinned Copper (TC)		95%

##### Outer Jacket Material

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.195 in

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield
15.1 Ohm/1000ft	3.8 Ohm/1000ft	37 pF/ft

Electrical Characteristics Notes: NBS Low Noise Test (Modified), MIL-C-17 Paragraph 4.8.14, 8 mV Peak to Peak Max

#### Mechanical Characteristics

##### Temperature

Operating
-35°C to +75°C

##### Bend Radius

Installation Min.
2 in

Bulk Cable Weight:	24 lbs/1000ft
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Max. Pull Tension:	8.85 lbs
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## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

Notes:	Not recommended for RF use
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## History

Update and Revision:	Revision Number: 0.265 Revision Date: 09-30-2020
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