

**Product:** [9264](#) 

Audio & Instrumentation, 24 AWG Stranded TC, O/A Foil, CM PVC Jacket



## Product Description

Audio & Instrumentation, 24 AWG Uni-strand (7x32) tinned copper conductor, flame-retardant polypropylene insulation, Beldfoil® shield (100% coverage), CM PVC jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
24	7x32	TC - Tinned Copper	0.024 in	1

Conductor Count:	1
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#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PP - Polypropylene	0.078 in	0.027 in

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100%	TC - Tinned Copper	24	7x32

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	.122 x .146 in	0.02 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
23.6 Ohm/1000ft	20 Ohm/1000ft

#### Capacitance

Nom. Capacitance Conductor to Shield
30 pF/ft

#### Inductance

Nominal Inductance
0.85 µH/ft

#### Impedance

Nominal Characteristic Impedance
50 Ohm

#### Delay

Nominal Delay	Nominal Velocity of Propagation (VP) [%]
1.64 ns/ft	62%

Current

Max. Recommended Current [A]
2.2 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS (UL AWM Style 1770)

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 1770)
Operating Temp Range:	-30°C To +80°C

Mechanical Characteristics

Bulk Cable Weight:	12 lbs/1000ft
Max. Pull Tension:	94 lbs
Min Bend Radius (Overall):	1.5 in

Standards

UL AWM Style Compliance:	UL Style 1770 (300 V 80°C)
RG Type:	N/A

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/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):	2005-10-13
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	300 V RMS (UL AWM Style 1770)

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9264 0101000	Black	Reel	1,000 ft	612825358763

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

Notes:	Tear-drop, machine strippable coaxial cable.
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History

Update and Revision:	Revision Number: 0.264 Revision Date: 06-08-2020
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