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1-800-Belden1



General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (mm)
1	24	7x32	TC - Tinned Copper	0.6096

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
FRPP - Flame Retardant Polypropylene	0.6858	1.9812

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	7x32	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.508

Overall Cable

Overall Nominal Diameter: 3.099 x 3.708 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 1770)
Bulk Cable Weight:	17.858 Kg/Km
Max. Recommended Pulling Tension:	418.131 N
Min. Bend Radius (Overall):	38.100 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

AWM Specification:	UL Style 1770 (300 V 80°C)
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/13/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

METRIC MEASUREMENT VERSION

9264 Coax - Audio Connecting Cable

UL Flame Test: VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

50

Nom. Inductance:

Inductance (µH/m)

2.78885

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)

98.43

Nominal Velocity of Propagation:

VP (%)

62

Nominal Delay:

Delay (ns/m)

5.38084

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

77.4316

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

65.62

Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 1770)

Max. Recommended Current:

Current

2.2 Amps per conductor @ 25°C

Notes (Overall)

Notes: Tear-drop, machine strippable coaxial cable.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9264 0101000	1,000 FT	14.000 LB	BLACK	C	#24 USTR FRPP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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