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please call

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. (in.)
1	24	7x32	TC - Tinned Copper	.024

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
FRPP - Flame Retardant Polypropylene	.027	.078

#### 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 (in.)
PVC - Polyvinyl Chloride	.020

#### Overall Cable

Overall Nominal Diameter: 0.122 x 0.146 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 1770)
Bulk Cable Weight:	12 lbs/1000 ft.
Max. Recommended Pulling Tension:	94 lbs.
Min. Bend Radius (Overall):	1.500 in.

### 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

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/ft)

.85

**Nom. Capacitance Conductor to Shield:**

Capacitance (pF/ft)

30

**Nominal Velocity of Propagation:**

VP (%)

62

**Nominal Delay:**

Delay (ns/ft)

1.64

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

23.6

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

20

**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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