

## 7401A Multi-Conductor - Belden Infinity® FCC - 1 million flex cycles



For more Information  
please call

1-800-Belden1



### Description:

Infinity Cable, 3 conductors 20 AWG stranded (10x30) conductors, PVC insulation, PVC jacket

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	20	10x30	BC - Bare Copper

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.022

Insulation Resistance:

6.1 Megaohms/1000 ft. minimum

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.040

#### Overall Cable

Overall Nominal Diameter:

0.250 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:

-40°C To +90°C

Other Temperature Range:

Flexing: -5°C To +90°C

UL Temperature Rating:

90°C (UL AWM Style 2587)

Bulk Cable Weight:

32 lbs/1000 ft.

Max. Recommended Pulling Tension:

39 lbs.

Min. Bend Radius (Install)/Minor Axis:

2.500 in.

Min. Bend Radius (Continuous Flexing):

3.800 in.

Flex Cycle Rating:

1 Million Flexes

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

AWM Specification:

UL Style 2587 (600 V 90°C)

CSA Specification:

AWM I A/B II A/B

EU Directive 2000/53/EC (ELV):

Yes

EU Directive 2002/95/EC (RoHS):

Yes

EU RoHS Compliance Date (mm/dd/yyyy):

10/01/2005

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<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

### Flame Test

<b>UL Flame Test:</b>	UL1685 UL Loading, VW-1
<b>CSA Flame Test:</b>	FT1

### Suitability

<b>Oil Resistance:</b>	Yes
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### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/1000 ft)</b>
10.5

### Max. Operating Voltage - UL:

<b>Voltage</b>
600 V RMS (UL AWM Style 2587)

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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