

Coaxial Adapter, 78 Ohm BNC Twinax Tee Plug / Plug



**LCAD30024**

**Configuration**

- BNC Twinax Plug Connector 1
- BNC Twinax Plug Connector 2
- Impedance 78 Ohm
- Straight Body Geometry

**Features**

- Provides In-Series BNC to BNC Connections
- Gold Plated Center Contacts

**Applications**

**Description**

These L-com RF Coaxial Adapters are used to interface between BNC Twinax to BNC Twinax with coaxial connections. The LCAD30024 is a straight adapter with a plug to plug configuration. This Coaxial Adapter, 78 Ohm BNC Twinax Tee Plug / Plug is made from brass and has a nickel finish. The Twin-Ax BNC has two contacts inside the connector housing. The coupling mechanism is a bayonet design, the same as a standard BNC. Twin-ax BNC connections are commonly used with Twin-ax cable used in differential pair applications where separate conductors are used to carry the signal of interest. BNC Twinax adapters are often required to adapt between connector genders. L-com's RF Coaxial and Triaxial adapters are in stock and ship same day.

**Mechanical Specifications**

<b>Size</b>			
Length	1.22in	30.99mm]	
Width	0.57in	[14.48mm]	

Description	Connector 1	Connector 2
Type	BNC Twinax Plug	BNC Twinax Plug
Polarity	Standard	Standard

**Material Specifications**

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	BNC Twinax Plug		BNC Twinax Plug	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Body	Brass	Nickel	Brass	Nickel
Gasket	Rubber		Rubber	
Coupling Nut	Brass	Nickel	Brass	Nickel

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## Environmental Specifications

### Temperature

Operating Range -65°C to +165°C

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Coaxial Adapter, 78 Ohm BNC Twinax Tee Plug / Plug from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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## L-com CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	01/14/2020
		APPROVED SELLIS

  

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

**TOLERANCES:**

X = ±.2 [5.08]	FRACTIONS
.XX = ±.02 [.51]	± 1/32
.XXX = ±.005 [.13]	ANGLES ± 1°

**CABLE LENGTH (L) TOLERANCES:**

L ≤ 12 [305]	= +1 [25] / -0
12 [305] < L ≤ 60 [1524]	= +2 [51] / -0
60 [1524] < L ≤ 120 [3048]	= +4 [102] / -0
120 [3048] < L ≤ 300 [7620]	= +6 [152] / -0
300 [7620] < L =	+5% / -0

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

**THIRD-ANGLE PROJECTION**

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DESIGN IN THIS DOCUMENT  
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SHEET 1 OF 1

SCALE N/A

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SIZE	CAGE CODE	DRAWN BY	PART NUMBER
A	43321	BPUCHASKI	LCAD30024
			REV A

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