

Coaxial Adapter, 78 Ohm BNC Twinax Plug / Jack



LCAD30026

Configuration

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

Features

- Provides In-Series BNC to BNC Connections
- Operates to 500 MHz
- 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 LCAD30026 is a straight adapter with a jack to jack configuration. This Coaxial Adapter, 78 Ohm BNC Twinax Plug / Jack 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size		
Length	1.28in	32.51mm]
Width	0.43in	[10.92mm]

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

Material Specifications

	Connector 1	Connector 2

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Description	Material	Plating	Material	Plating
Type	BNC Twinax Jack		BNC Twinax Jack	
Contact	Brass	Gold	Brass	Gold
Insulation	Delrin		Delrin	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel

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 Plug / Jack 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 impliment 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	01/15/2020
	APPROVED	SELLIS

1.28
[32.50]

<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <table style="font-size: 10px;"> <tr> <td>X = ±.2</td> <td>[.08]</td> <td>FRACTIONS</td> </tr> <tr> <td>.XX = ±.02</td> <td>[.51]</td> <td>± 1/32</td> </tr> <tr> <td>.XXX = ±.005</td> <td>[.13]</td> <td>ANGLES ± 1°</td> </tr> </table> <p>CABLE LENGTH (L) TOLERANCES:</p> <table style="font-size: 10px;"> <tr> <td>L ≤ 12</td> <td>[305]</td> <td>= +1 [25] / -0</td> </tr> <tr> <td>12 [305] < L ≤ 60</td> <td>[1524]</td> <td>= +2 [51] / -0</td> </tr> <tr> <td>60 [1524] < L ≤ 120</td> <td>[3048]</td> <td>= +4 [102] / -0</td> </tr> <tr> <td>120 [3048] < L ≤ 300</td> <td>[7620]</td> <td>= +6 [152] / -0</td> </tr> <tr> <td>300 [7620] < L</td> <td></td> <td>= +5% / -0</td> </tr> </table> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p>	X = ±.2	[.08]	FRACTIONS	.XX = ±.02	[.51]	± 1/32	.XXX = ±.005	[.13]	ANGLES ± 1°	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	<p style="font-size: 24px; font-weight: bold; margin-bottom: 5px;">L-com™</p> <p style="font-size: 12px; margin-bottom: 5px;">an INFINITE brand</p> <p style="font-size: 10px;">50 High Street, West Mill, 3rd Floor, Suite #30 North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936 Fax: 1.978.689.9484 Website: www.L-com.com E-mail: CustomerService@L-com.com</p>	<p>THIRD-ANGLE PROJECTION</p> <p style="font-size: 8px;">THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF L-COM GLOBAL CONNECTIVITY. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p>
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PART NUMBER LCAD30026	REV A																									

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