

Coaxial Right Angle Adapter, N Female / BNC Male



LCAD30034

Configuration

- N Female Connector 1
- BNC Male Connector 2
- Impedance 50 Ohm
- Right Angle Body Geometry

Features

- Provides Between Series N to BNC Connections
- Operates to 4 GHz
- Max VSWR of 1.3:1
- Gold Plated Center Contacts
- Bulkhead Mount

Applications

Description

These L-com RF Coaxial Adapters are used to interface between Type N to BNC with coaxial connections. The LCAD30034 is a right angle adapter with a female to male configuration. This Coaxial Right Angle Adapter, N Female / BNC Male is made from brass and has a nickel finish. The Type N interface design is defined by Mil-STD-348A and has many popular features including a threaded coupling method with a robust center contact and outer conductor interface. Type-N adapters generally operate to 12 GHz but precision versions will operate to 18 GHz. The larger size provides a very secure and robust interface and is often used as the output port on RF equipment. Type-N adapters are often used as port protectors insuring that expensive test equipment ports are not damaged during repeated use. BNC adapters interface design is defined by Mil-STD-348A and has no tool required bayonet mount coupling mechanism with a robust center contact and outer conductor interface. BNC's generally work up to 3 GHz and are a cost effective way of insuring a highly dependable RF Coaxial connection. 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		4	GHz
VSWR			1.3:1	

Mechanical Specifications

Size		
Length	1.22in	30.99mm]
Width	1.26in	[32mm]
Height	0.57in	[14.48mm]

Description	Connector 1	Connector 2
Type	N Female	BNC Male
Polarity	Standard	Standard

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		BNC Male	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
Body	Brass	Nickel	Brass	Nickel
Gasket			Silicone	
Coupling Nut			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 Right Angle Adapter, N Female / BNC Male 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	01/16/2020
		APPROVED SELLIS

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SIZE A	CAGE CODE 43321	REV A
DRAWN BY BPUCHASKI	PART NUMBER LCAD30034	

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