Coaxial Adapter, BNC Female / RP-BNC Male

LCAD30028

Configuration

- BNC Female Connector 1
- BNC Male Reverse Polarity Connector 2
- Impedance 50 Ohm
- Straight Body Geometry

Features

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

Applications

Description

These L-com RF Coaxial Adapters are used to interface between BNC to BNC with coaxial connections. The LCAD30028 is a straight adapter with a female to male configuration. This Coaxial Adapter, BNC Female / RP-BNC Male is made from brass and has a nickel finish.&&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.

Mechanical Specifications

Size

Length	1.23in	31.24mm]
Width	0.57in	[14.48mm]

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

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	BNC Female		BNC Male Reverse Polarity	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Gasket			Silicone	
Coupling Nut			Brass	Nickel

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Environmental Specifications

Temperature

Operating Range	-65ºC to +165ºC

Compliance Certifications (see product page for current document)

Plotted and Other Data

Coaxial Adapter, BNC Female / RP-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 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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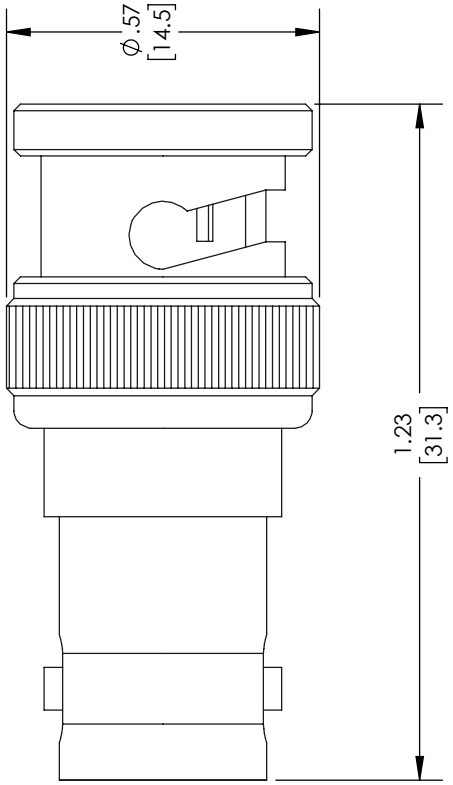
L-com CAD Drawing

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	01/15/2020	SELLIS



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

TOLERANCES:

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

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%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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THIRD-ANGLE PROJECTION

SIZE	CAGE CODE	DRAWN BY	PART NUMBER	REV
A	43321	BPUCHASKI	LCAD30028	A

SHEET 1 OF 1

SCALE N/A

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