

Coaxial Right Angle Adapter, BNC Male / Female



LCAD30037

Configuration

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

Features

- Provides In-Series BNC to BNC Connections
- Operates to 4 GHz
- Gold Plated Center Contacts
- Right Angle Body Geometry

Applications

Description

These L-com RF Coaxial Adapters are used to interface between BNC to BNC with coaxial connections. The LCAD30037 is a right angle adapter with a male to male configuration. This Coaxial Right Angle Adapter, BNC Male / Female 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.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC | | 4 | GHz |

Mechanical Specifications

| Size | | |
|--------|--------|-----------|
| Length | 1.08in | 27.43mm] |
| Width | 1.15in | [29.21mm] |
| Height | 0.57in | [14.48mm] |

| Description | Connector 1 | Connector 2 |
|-------------|-------------|-------------|
| Type | BNC Male | BNC Male |
| Polarity | Standard | Standard |

Material Specifications

| | Connector 1 | Connector 2 |
|--|-------------|-------------|
|--|-------------|-------------|

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| Description | Material | Plating | Material | Plating |
|--------------|----------|---------|----------|---------|
| Type | BNC Male | | BNC Male | |
| Contact | Brass | Gold | Brass | Gold |
| Insulation | PTFE | | PTFE | |
| Body | Brass | Nickel | Brass | Nickel |
| Coupling Nut | 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 Right Angle Adapter, BNC Male / Female 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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Coaxial Right Angle Adapter, BNC Male / Female

L-com CAD Drawing

| REVISIONS | | |
|-----------|-----------------|--------------------|
| REV. | DESCRIPTION | DATE |
| A | INITIAL RELEASE | 01/16/2020 |
| | | APPROVED SELLIS |

| | | |
|--|---|--|
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| SIZE A | DRAWN BY BPUCHASKI | PART NUMBER LCAD30037 |
| CAGE CODE 43321 | REV A | |

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