

BNC Plug to BNC Plug using RG58 Coax Cable in 24 Inches



## LCCA9856-24

### Configuration

- Connector 1: BNC Plug
- Connector 2: BNC Plug

### Features

- VSWR of 1.4:1

### Applications

- Military
- Aerospace
- Wireless Communications
- General Purpose Test

### Description

L-com's LCCA9856-24 is a BNC plug to BNC plug using RG58 coax cable in 24 inches and ships same-day. Our L-com BNC to BNC cable assembly has a plug to plug gender configuration with series coax and operates to 4 GHz.

Custom versions of this BNC plug to BNC plug cable, along with the rest of L-com's other RF assemblies, can also be built and shipped same day. Other available RF cable assembly value added services from L-com include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly. Contact a sales representative for testing or custom RF cable quotes. Part number LCCA9856-24 L-com BNC Plug to BNC Plug using RG58 Coax Cable in 24 Inches data sheet PDF includes details of the RF product specifications, CAD drawing(s) and dimensions below.

### Electrical Specifications

| Description             | Minimum | Typical      | Maximum | Units        |
|-------------------------|---------|--------------|---------|--------------|
| Frequency Range         | DC      |              | 4       | GHz          |
| VSWR                    |         |              | 1.4:1   |              |
| Velocity of Propagation |         | 65.9         |         | %            |
| Capacitance             |         | 29.4 [96.46] |         | pF/ft [pF/m] |

### Specifications by Frequency

| Description           | F1   | F2   | F3   | F4  | F5  | Units |
|-----------------------|------|------|------|-----|-----|-------|
| Frequency             | 0.1  | 0.25 | 0.5  | 1   | 4   | GHz   |
| Insertion Loss (Typ.) | 0.28 | 0.34 | 0.42 | 0.6 | 1.2 | dB    |

#### Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.2 dB per connector

### Mechanical Specifications

#### Cable Assembly

Length\*

24 in [609.6 mm]

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## LCCA9856-24

|                                      |                     |
|--------------------------------------|---------------------|
| Weight                               | 0.03 lbs [13.61 g]  |
| <b>Cable</b>                         |                     |
| Impedance                            | 50 Ohms             |
| Inner Conductor Type                 | Stranded            |
| Inner Conductor Material and Plating | Copper, Tin         |
| Dielectric Type                      | PE                  |
| Number of Shields                    | 1                   |
| Shield Layer 1                       | Tinned Copper Braid |

### Connectors

| Description                  | Connector 1                   | Connector 2                   |
|------------------------------|-------------------------------|-------------------------------|
| Type                         | BNC Plug                      | BNC Plug                      |
| Impedance                    | 50 Ohms                       | 50 Ohms                       |
| Contact Material and Plating | Bronze, Gold over Copper      | Bronze, Gold over Copper      |
| Body Material and Plating    | Bronze, Copper-Tin-Zinc Alloy | Bronze, Copper-Tin-Zinc Alloy |

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

### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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## LCCA9856-24

### How to Order

Part Number Configuration:

**LCCA9856**

- **xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches

Length  
Base Number

Example: LCCA9856-12 = 12 inches long cable  
LCCA9856-100cm = 100 cm long cable

BNC Plug to BNC Plug using RG58 Coax Cable in 24 Inches from L-com has same day shipment for domestic and International orders. L-com is a leading manufacturer of wired and wireless connectivity products and committed to in-stock availability and same day shipping. 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 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.

BNC Plug to BNC Plug using RG58 Coax Cable in 24 Inches

L-com CAD Drawing

