

BNC Male Right Angle Connector Clamp/Solder Attachment  
for RG174, RG316, RG188, .100 inch, LMR-100



**LCCN45956**

**Configuration**

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG174, RG316, RG188, .100 inch, LMR-100 Interface Type
- Clamp/Solder Attachment

**Features**

- Max. Operating Frequency 4 GHz
- Silver Plated Brass Contact
- Contact plating according to ASTM-B700

**Applications**

- General Purpose Test
- Custom Cable Assemblies

**Description**

L-com's LCCN45956 Right Angle, BNC, Standard, Connector is part of our full line of RF components available for same-day shipping. Our BNC male connector operates up to a maximum frequency of 4 GHz. Its right angle body geometry allows for easier connections in tight spaces. Our BNC male right angle connector LCCN45956 datasheet specifications and drawing with dimensions are shown below in this PDF. L-com's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, L-com has the right connector for the job. L-com can also expertly build your custom cable assemblies for you and ship same-day.

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

**Mechanical Specifications**

**Size**

Length	1.48 in [37.59 mm]
Width	0.57 in [14.48 mm]
Height	1.03 in [26.16 mm]
Weight	0.07 lbs [30.84 g]

**Material Specifications**

Description	Material	Plating
Contact	Brass	Silver ASTM-B700
Insulation	PTFE	
Body	Brass	Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[BNC Male Right Angle Connector Clamp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 LCCN45956](#)

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		ASTM-B689
Coupling Nut	Brass	Nickel
		ASTM-B689

**Environmental Specifications**

**Temperature**

Operating Range -65deg C to +165deg C

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

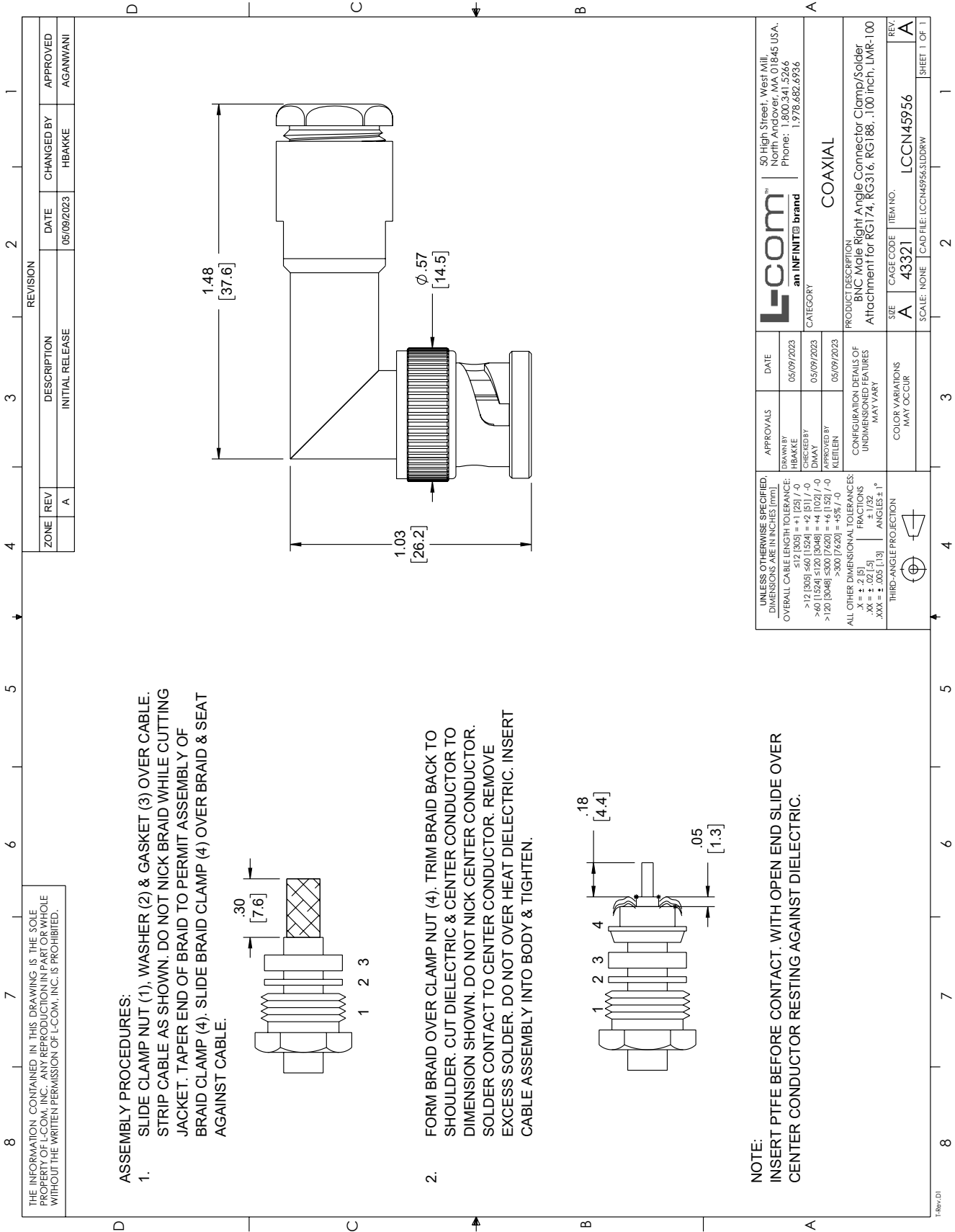
**Plotted and Other Data**

BNC Male Right Angle Connector Clamp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 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. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BNC Male Right Angle Connector Clamp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 LCCN45956

URL: <https://www.l-com.com/bnc-male-right-angle-connector-clamp-solder-attachment-rg174-rg316-rg188-.100-inch-lmr-100-lccn45956-p.aspx>

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.ontained 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.

L-com CAD Drawing



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ASSEMBLY PROCEDURES:

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.
2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.

NOTE:  
INSERT PTFE BEFORE CONTACT. WITH OPEN END SLIDE OVER CENTER CONDUCTOR RESTING AGAINST DIELECTRIC.

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
A		INITIAL RELEASE	05/09/2023	HBAKKE	AGANWANI

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES (mm)	APPROVALS	DATE	 an INFINITE brand CATEGORY COAXIAL
OVERALL CABLE LENGTH TOLERANCE: s12 [305] = +1 [25] / -0 >12 [305] s60 [1524] = +2 [51] / -0 >60 [1524] s120 [3048] = +4 [102] / -0 >120 [3048] s300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0	DRAWN BY HBAKKE	05/09/2023	
ALL OTHER DIMENSIONAL TOLERANCES: X = ± .015 XX = ± .010 XXX = ± .005 [1.3] FRACTIONS ANGLES ± 1°	CHECKED BY DMAY	05/09/2023	
THIRD-ANGLE PROJECTION	APPROVED BY KLEFFEN	05/09/2023	PRODUCT DESCRIPTION BNC Male Right Angle Connector Clamp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100
COLOR VARIATIONS MAY OCCUR	SCALE: NONE		SIZE A
	CAGE CODE 43321		ITEM NO. LCCN45956
	CAD FILE: LCCN45956.SDDRW		REV A
			SHEET 1 OF 1