

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



LCCN45892

Configuration

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

Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

L-com's LCCN45892 , 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 and offers good VSWR of 1.3:1. Our BNC male connector LCCN45892 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
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			1.5	mOhms
Outer Conductor DC Resistance			0.5	mOhms
Insulation Resistance	5,000			MOhms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
Insertion Loss, Max	0.2					dB

Electrical Specification Notes:
RF leakage: 55 dB min at 3 GHz.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[BNC Male Connector Clamp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 LCCN45892](#)

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Mechanical Specifications

Size

Length	1.09 in [27.69 mm]
Width	0.57 in [14.48 mm]
Weight	0.04 lbs [19.05 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature

Operating Range	-65deg C to +165deg C
Vibration	MIL-STD-202, Method 204, Condition B
Temperature Cycle	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

BNC Male 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 Connector Clamp/Solder Attachment for RG174, RG316, RG188, .100 inch, LMR-100 LCCN45892

URL: <https://www.l-com.com/bnc-male-connector-clamp-solder-attachment-rg174-rg316-rg188-.100-inch-lmr-100-lccn45892-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 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

L-com CAD Drawing

