

Precision N Male to SMA Female Adapter



LCAD91339

Configuration

- N Male Connector 1
- SMA Female Connector 2
- Impedance 50 Ohm
- Precision Design
- Straight Body Geometry

Description

The L-com LCAD91339 Precision adapter has a straight body geometry and is suitable for general-purpose test applications. This RF adapter has an N Male to SMA Female connector and a PTFE dielectric, which makes it resistant to lubricants and fuels. The Male coaxial adapter has a Beryllium Copper contact.

This Precision adapter has an N interface that brings interoperability of coaxial connectors, as well as a basis for the Hi-Rel design and construction of these components. This L-com connector RF adapter can operate at a temperature range of -65 to 125 deg C and has high repeatability.

The LCAD91339 coaxial adapter has a maximum frequency range of 18 GHz and is most used for Testing, Measurement, Satcom, Military, and Defense industries. This RF adapter has Gold over Nickel plating and is designed to enable connections in RF and microwave systems between two of the same or different connector types. The L-com N adapter is constructed with a Passivated Stainless Steel body and has no plating.

The N Male adapter is one of the thousands of RF products available from L-com in-stock inventory with same-day shipment for domestic and international orders. Make your online purchase right now for a high-quality 18 GHz coaxial adapter and take advantage of our same-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the perfect Beryllium Copper RF adapter for your requirement.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.25:1	

Mechanical Specifications

Size		
Length	1.14in	28.96mm]
Width	0.78in	[19.81mm]
Height	0.78in	[19.81mm]
Weight	0.0715lbs	[32.43g]

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Description	Connector 1	Connector 2
Type	N Male	SMA Female
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Male		SMA Female	
Contact	Beryllium Copper	Gold over Nickel MIL-STD-348	Beryllium Copper	Gold over Nickel MIL-STD-348
Insulation	PTFE		PTFE	
Outer Conductor			Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel			

Environmental Specifications

Temperature

Operating Range -65°C to +125°C

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

Plotted and Other Data

Precision N Male to SMA Female Adapter 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

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L-com CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	10/06/2022
		APPROVED AGANWANI

SMA FEMALE

1/4-36 UNS-2A

1/2 ACROSS FLATS

3/4 HEX

5/8-24 UNEF-2B

N MALE

1.14
[29.0]

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.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

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