

N Female to LC Male Adapter



# RF Adapters Technical Data Sheet

ET1237

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## Configuration

- N Female Connector 1
- LC Male Connector 2

#### Features

- N Interface compliant with MIL-STD-348
- LC Interface compliant with MIL-STD-348

- 50 Ohms
- Straight Body Geometry
- Silver Plated Beryllium Copper Contact
- 200 µin min Silver Contact Plating

## Applications

• Allows Connection Between Series

General Purpose Test

#### Description

Ebeestock's ET12378 type N female to LC male adapter is part of our full line of RF components available for same-day shipping. Our type N to LC adapter has a female to male gender configuration. ET12378 type N female to LC male adapter operates to 1,000 MHz.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

lectrical Specifications			
Erequency Range	DC	1,000	MHz
Operating Voltage (AC)		1,000	Vrms
Dielectric Withstanding Voltage (AC)		2,500	Vrms

Electrical Specification Notes: Values at 25°C, sea level.

#### Mechanical Specifications

Size

 Length
 2.82 in [71.63 mm]

 Width
 1.625 in [41.28 mm]

 Weight
 0.488 lbs [221.35 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female to LC Male Adapter ET12378

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Description	Connector 1	Connector 2	
Туре	N Female	LC Male	
Polarity	Standard	Standard	
Interface Specification	MIL-STD-348	848 MIL-STD-348	
Mating Torque	6 to 10 in-lbs [0.68 to 1.13 Nm]		

#### Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	N Female		LC Male	
Contact	Beryllium Copper	Silver	Beryllium Copper	Silver
		200 µin minimum		200 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
		150 µin minimum		
Body			Brass	Nickel
				150 µin minimum
Coupling Nut			Brass	Nickel
				150 µin minimum

# **Environmental Specifications Temperature**

Operating Range

-65 to +165 deg C

Compliance Certifications (see product page for current document)

#### Plotted and Other Data

Notes:

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N Female to LC Male Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female to LC Male Adapter ET12378

URL: https://www.ebeestock.com/n-female-to-lc-male-adapter-0012378

The information contained in 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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

# ET12378 CAD Drawing N Female to LC Male Adapter

