

N Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable



EZ-400-NMH-RA-X-LC



Times Microwave Systems Connector Specification

Configuration

- N Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: LMR-400, LMR-400-DB, LMR-400-FR, 400-Series

Features

- Designed to industry standard interface dimensions
- Quality body materials and plating
- Crimp/Non-Solder Contact attachment
- Operates to 6 GHz

Applications

- RF Boxes and components
- RF Test systems
- General Purpose RF Interconnect
- Laboratory applications

Description

L-com's N Male connector for LMR-400, LMR-400-DB, LMR-400-FR and 400-Series coax uses a Crimp/Non-Solder Contact attachment method. This N connector is one of the many RF coaxial connectors in L-com's product line up and like all our products, they will ship the same day. Our N Male connector operates up to a maximum frequency of 6 GHz.

The specifications and a basic dimensional drawing for EZ-400-NMH-RA-X-LC Male N connector can be found in this datasheet PDF. L-com's portfolio of RF and microwave connectors allows users to choose from a large number of options when building assemblies to fit their RF interconnect needs. RF cables can be created to fulfill many interconnect applications ranging from In the Box hookup, test equipment connectivity or as part of a system installation. In addition to an offering of RF connectors and coaxial cable L-com offers both standard and custom cable assemblies to fit a customer's specific needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Impedance		50		Ohms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
Insertion Loss, Max	0.1					dB

Mechanical Specifications

Size

Length	1.87 in [47.5 mm]
Width	0.81 in [20.57 mm]
Height	1.42 in [36.07 mm]
Weight	0.2 lbs [90.72 g]

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Mating Torque 44 in-lbs [[4.97 Nm]]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 1.27 µm minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 2 µm minimum
Coupling Nut	Brass	Tri-Metal 2 µm minimum

Environmental Specifications

Temperature
 Operating Range -55 to +155 deg C
 Shock MIL-STD 202, Method 213, Condition I
 Vibration MIL-STD 202, Method 204, Condition B

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

Plotted and Other Data

Notes:

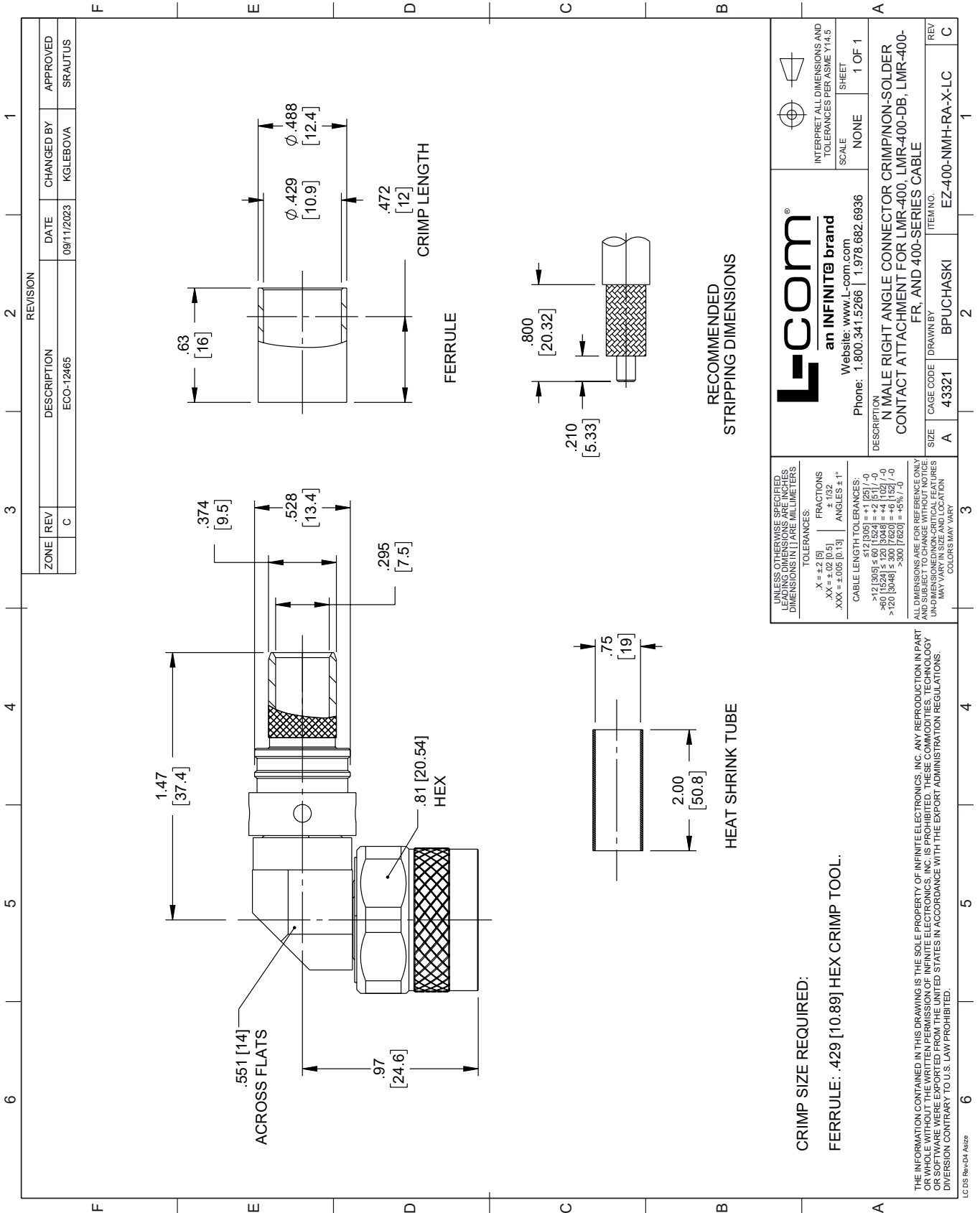
N Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/n-male-right-angle-connector-crimp-non-solder-contact-attachment-lmr-400-lmr-400-db-lmr-400-fr-400-series-cable-ez-400-nmh-ra-x-lc-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.

EZ-400-NMH-RA-X-LC CAD Drawing

N Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION	ECO-12465	
	C			SRAUTUS

 an INFINITE brand Website: www.L-com.com Phone: 1.800.341.5266 1.978.682.6936		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
DESCRIPTION N MALE RIGHT ANGLE CONNECTOR CRIMP/NON-SOLDER CONTACT ATTACHMENT FOR LMR-400, LMR-400-DB, LMR-400-FR, AND 400-SERIES CABLE		
SIZE	CAGE CODE	ITEM NO.
A	43321	BPUCHASKI

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.

TOLERANCES:

X = ±.2 [5] FRACTIONS ± 1/32
 .XX = ±.02 [0.5] ANGLES ± 1°
 .XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:

≤ 12 [305] = ±.1 [25] / -0
 > 12 [305] ≤ 60 [1524] = ±.2 [5] / -0
 > 60 [1524] ≤ 120 [3048] = ±.4 [102] / -0
 > 120 [3048] = ±.8 [203] / -0

DIMENSIONS ARE FOR REFERENCE ONLY! ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN SIZE AND LOCATION MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

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