Fairview Microwave
an INFINITE brand

EZ-400-NMH-X DATA SHEET

N Male (Plug) Connector for LMR-400 Cable, Crimp/ Non-Solder Contact, Tri-Metal Plated Brass Body, Length 1.496 In

Type N male connector with crimp/non-solder contact attachment for Times' LMR-400, part number EZ-400-NMH-X, from Times Microwave offered by Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1.

Times Microwave's type N male connector EZ-400-NMH-X datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.



Configuration:

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- LMR-400 Interface Type
- Crimp/Non-Solder Contact Attachment
- 20 mm Hex

Features:

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Bronze Contact
- 50 µin minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.25:1	
Insertion Loss			0.05	dB
Operating Voltage (AC)			1,500	Vrms
Inner Cond. DC Resistance			0.8	mOhms
Outer Cond. DC Resistance			0.4	mOhms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.496 in [38 mm]
Width/Dia.	0.5 in [12.70 mm]
Weight	0.095 lbs [43.09 g]
Mating Torque	221 in-lbs [24.97 Nm]

Material Specifications

Description	Material	Plating
Contact	Beryllium Bronze	Gold 50 µin minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 100µ in. minimum
Coupling Nut	Brass	Tri-Metal 100µ in. minimum

Environmental Specifications

Temperature

Operating Range	-55 to +155 deg C

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Shock	US MIL-STD 202, Method 213, Cond. I
Vibration	US MIL-STD 202, Method 204, Cond. B
Thermal Shock	MIL-STD 202, Meth. 107, Cond.B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

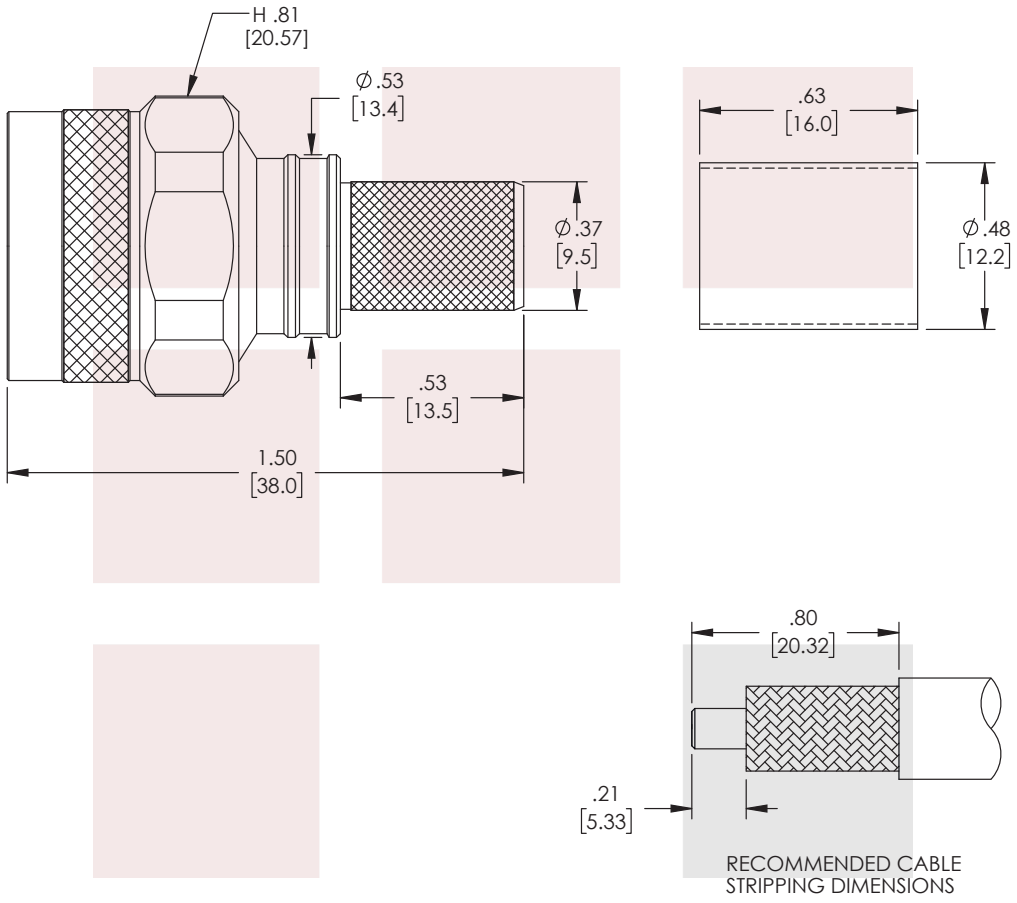
N Male (Plug) Connector for LMR-400 Cable, Crimp/Non-Solder Contact, Tri-Metal Plated Brass Body, Length 1.496 In from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: N Male (Plug) Connector for LMR-400 Cable, Crimp/Non-Solder Contact, Tri-Metal Plated Brass Body, Length 1.496 In EZ-400-NMH-X

URL: https://www.fairviewmicrowave.com/n-male-lmr-400-connector-ez-400-nmh-x-p.aspx

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

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/19/21	SRAUTUS



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TITLE

N Male (Plug) Connector for LMR-400 Cable, Crimp/ Non-Solder Contact, Tri-Metal Plated Brass Body, Length 1.496 In

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

TOLERANCES:

.X = ±.2 [5.08] FRACTIONS
.XX = ±.02 [.51] ± 1/32
.XXX = ±.005 [.13] ANGLES ± 1°

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

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	DMAY	EZ-400-NMH-X	A

T-Rev.D

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Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Fairview Microwave:

SA18E-30 SM4940 SM4953 SA18H-10 SM4208 SM4968 SM3010 SM3415 SM4228 SM5723 FMAD1218 FMAD1608 FMCN1351 SC5504 SM4961 FMCN1365 FMCN1589 SM3310 FMAD1206 FMC0222085-12 SM4232 SM4985 FMAD1116 SM4947 SM4965 ST-SMA9 SC4821 SM3130 SM3416 FMAD1026