

N Female to MCX Jack Adapter

Type N female to MCX jack adapter part number FMAD1301 from Fairview Microwave is in-stock and ships same day. This Fairview type N to MCX adapter has a female to jack gender configuration. FMAD1301 type N female to MCX jack adapter operates to 6 GHz.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and 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. Fairview Microwave 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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Operating Voltage (AC)			170	Vrms
DWV (AC)			500	Vrms
Insulation Resistance	1,000			MOhms

Mechanical Specifications

Size	
Length	1.352 in [34.3 mm]
Width	0.625 in [15.88 mm]
Weight	0.065 lbs [29.48 g]

Description	Connector 1	Connector 2
Type	N Female	MCX Jack
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-C-39012

Material Specifications

Description	Connector 1	Connector 2
Type	N Female	MCX Jack
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	PTFE	PTFE
Outer Contact Material	Brass	Brass
Outer Contact Plating	Nickel	Nickel
Outer Contact Plating Spec.	QQ-N-290	QQ-N-290

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C



Configuration:

- N Female Connector 1
- MCX Jack Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- Type N interface meets MIL-STD-348
- MCX interface meets MIL-C-39012
- Contact plating according to MIL-G-45204

Applications:

- Enables Between Series Connections
- General Purpose Test

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

Plotted and Other Data

Notes:

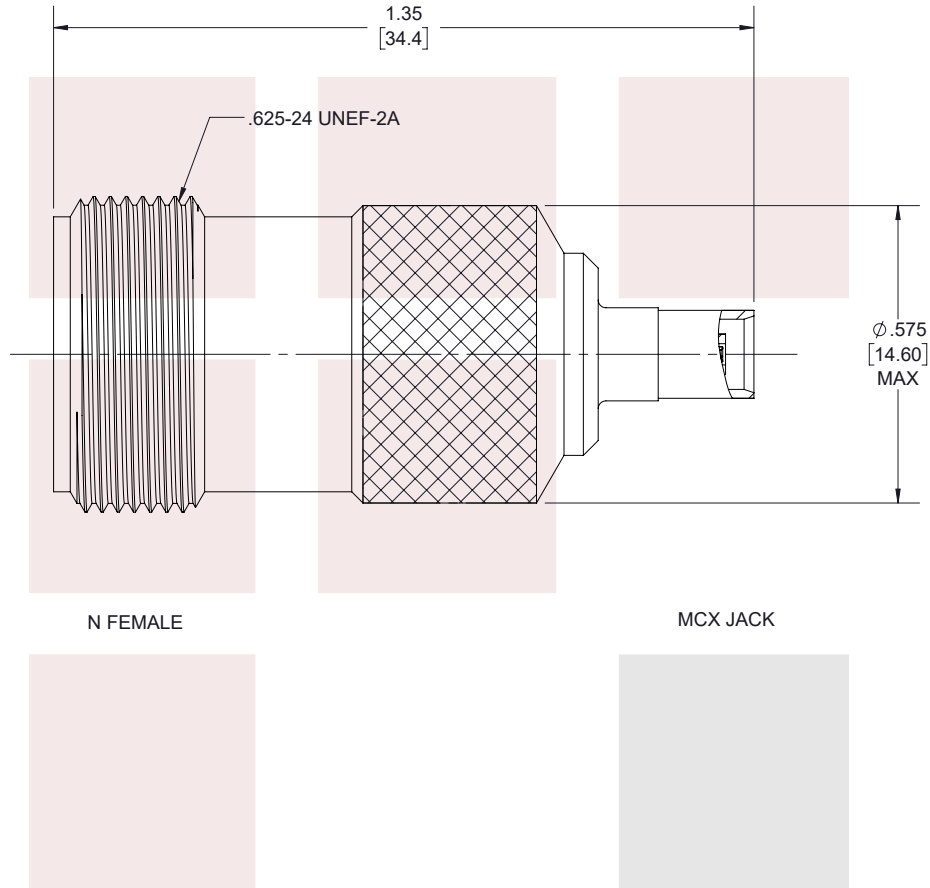
N Female to MCX Jack Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Female to MCX Jack Adapter FMAD1301](#)

URL: <https://www.fairviewmicrowave.com/n-female-to-mcx-jack-adapter-fmad1301-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	03/31/2022	AGANWANI



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TITLE

N Female to MCX Jack Adapter

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

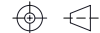
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS ± 1/32
.XX = ±.02 [.51]
.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 A	CAGE CODE 3FKR5	DRAWN BY K.GLEBOVA	ITEM NO. FMAD1301	REV A
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T-Rev.D