

SSMA Male to N Male Adapter

SSMA male to type N male adapter part number FMAD1297 from Fairview Microwave is in-stock and ships same day. This Fairview SSMA to type N adapter has a male to male gender configuration. FMAD1297 SSMA male to type N male adapter operates to 11 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		11	GHz
DWV (AC)			750	Vrms
Insulation Resistance	5,000			MOhms
Input Power (CW)			250	Watts

Mechanical Specifications

Size	
Length	1.242 in [31.6 mm]
Width	0.8 in [20.32 mm]
Weight	0.075 lbs [34.02 g]

Description	Connector 1	Connector 2
Type	SSMA Male	N Male
Polarity	Standard	Standard
Hex Size	1/4 in.	
Mating Torque	3 in-lbs max [0.34 Nm] max	

Material Specifications

Description	Connector 1	Connector 2
Type	SSMA Male	N Male
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	PTFE	PTFE
Body Material	Brass	Brass
Body Plating	Nickel	Nickel
Coupling Nut Material	Brass	Brass
Coupling Nut Plating	Nickel	Nickel



Configuration:

- SSMA Male Connector 1
- N Male Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- Contact plating according to MIL-G-45204

Applications:

- Enables Between Series Connections
- General Purpose Test

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Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

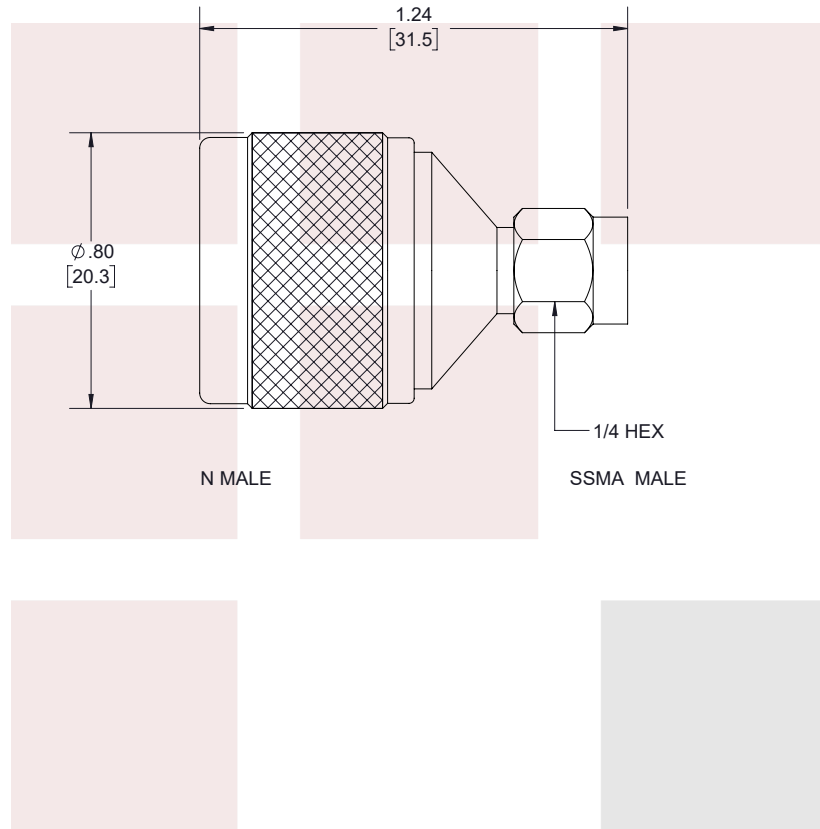
SSMA Male to N Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SSMA Male to N Male Adapter FMAD1297](#)

URL: <https://www.fairviewmicrowave.com/ssma-male-to-n-male-adapter-fmad1297-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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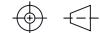
TITLE
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	ANGLES ± 1°	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [.13]		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. FMAD1297	REV A
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