

N Male Hermetically Sealed Connector Terminal Solder/Solder Attachment 4 Hole Flange

Type N Male 4 hole Flange Mount Standard Hermetically Sealed 4 hole Flange Mount Connector Solder/Solder Attachment, part number FMCN1951, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 11 GHz and offers excellent VSWR of 1.2:1. Fairview's FMCN1951 4 hole flange type N connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's type N male 4 hole flange connector FMCN1951 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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		11	GHz
VSWR			1.2:1	
Insertion Loss			0.165	dB
Operating Voltage (AC)			1,000	Vrms
DWV (AC)			2,500	Vrms
Inner Cond. DC Resistance			1.5	mOhms
Outer Cond. DC Resistance			1	mOhms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.65 in [41.91 mm]
Width/Dia.	0.83 in [21.08 mm]
Height	0.83 in [21.08 mm]
Weight	0.09 lbs [40.82 g]
Mating Cycles	500 Cycles
Mating Torque	6 to 10 in-lbs [0.68 to 1.13 Nm]
Cable Retention Force	6.3 lbs [2.86 kg]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal



Configuration:

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- Solder/Solder Attachment
- 4 Hole Flange

Features:

- Operating Frequency of 11 GHz Max.
- Excellent VSWR of 1.2:1
- Hermetically Sealed
- Gold Plated Brass Contact

Applications:

- General Purpose Test
- Rack and Panel Mount Applications

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Humidity	MIL-STD-202, Method106
Thermal Shock	MIL-STD-202, Method107, Condition B
Salt Spray	MIL-STD-202, Method101, Condition B
Hermetic Seal	1*10-6cc/sec helium at 1atm

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

Plotted and Other Data

Notes:

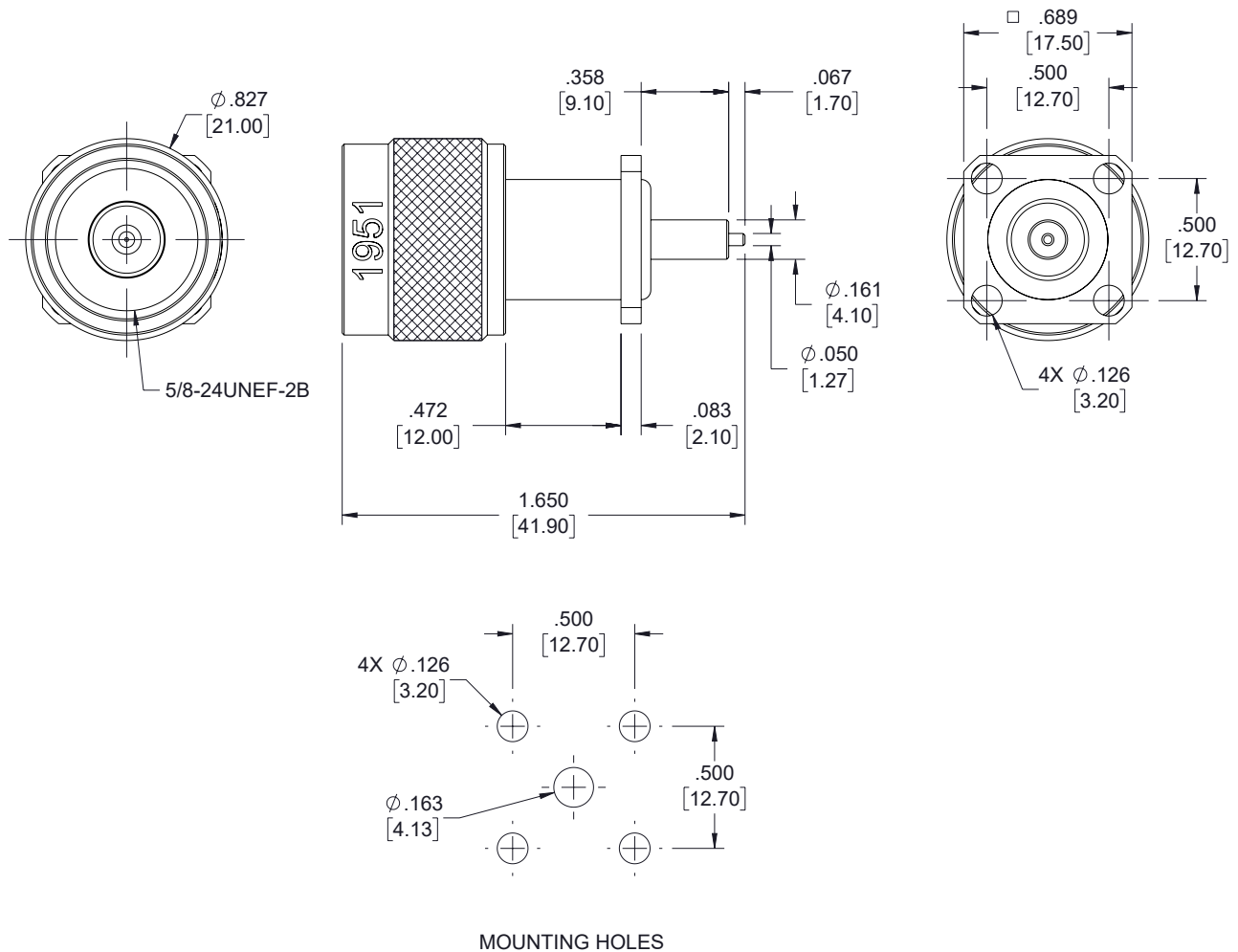
N Male Hermetically Sealed Connector Terminal Solder/Solder Attachment 4 Hole Flange from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Hermetically Sealed Connector Terminal Solder/Solder Attachment 4 Hole Flange FMCN1951](#)

URL: <https://www.fairviewmicrowave.com/n-male-terminal-connector-fmcn1951-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	12/13/2022	AGANWANI



THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.