

N Female Precision Connector Clamp/Solder Attachment for LL335i Cable

Type N female precision connector with clamp/solder attachment for LL335i, part number FMCN1187, from Fairview Microwave is in-stock and ships same day. This type N female connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.16:1.

Fairview's type N female connector FMCN1187 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		18	GHz
VSWR			1.16:1	

Mechanical Specifications

Size	
Length	1.77 in [44.96 mm]
Width/Dia.	0.875 in [22.23 mm]
Weight	0.091 lbs [41.28 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM-B488 50 µin minimum
Insulation	PEI	
Outer Conductor	Passivated Stainless Steel	SAE-AMS-2700
Body	Passivated Stainless Steel	SAE-AMS-2700

Environmental Specifications

Temperature	
Operating Range	-55 to +160 deg C

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

Plotted and Other Data

Notes:



Configuration:

- N Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- LL335i Interface Type
- Clamp/Solder Attachment
- Precision Design

Features:

- Operating Frequency of 18 GHz Max.
- Excellent VSWR of 1.16:1
- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488 50 µin minimum

Applications:

- General Purpose Test
- Precision Test & Measurement
- Custom Cable Assemblies

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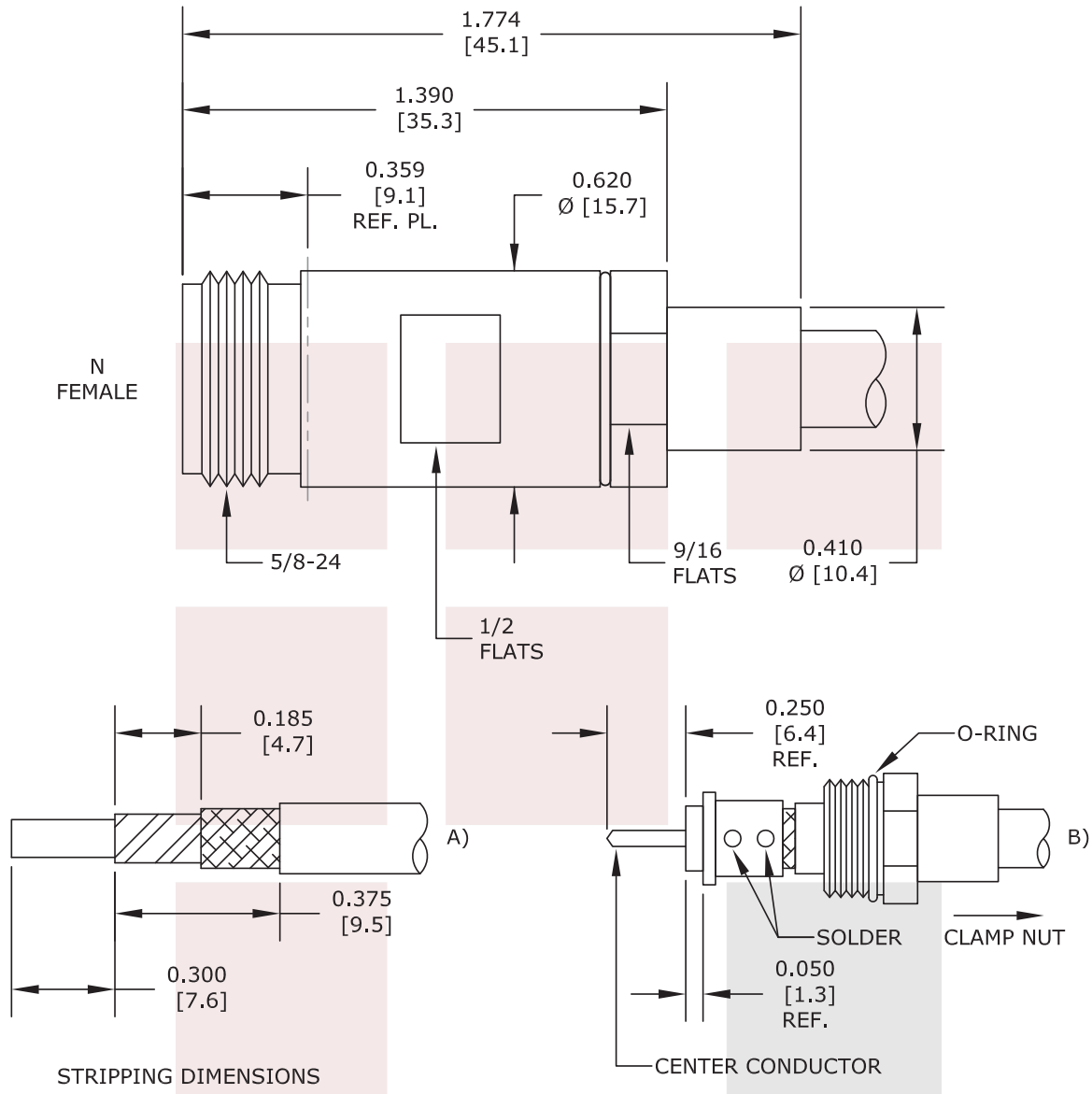
N Female Precision Connector Clamp/Solder Attachment for LL335i Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Female Precision Connector Clamp/Solder Attachment for LL335i Cable FMCN1187](#)

URL: <https://www.fairviewmicrowave.com/n-female-ll335i-connector-fmcn1187-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.





STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. TRIM CABLE TO EXPOSE DIELECTRIC CORE AND BRAIDS AS SHOWN IN (A).
2. SLIDE CLAMP NUT OVER CABLE AS SHOWN IN (B). INSERT CABLE INTO FERRULE UNTIL INNER BRAID SEATS AND SOLDER TO FERRULE WHERE SHOWN. TRIM DIELECTRIC CORE FLUSH WITH FACE OF SOLDER FERRULE. POINT CENTER CONDUCTOR AS SHOWN.
3. SCREW ASSEMBLY INTO BODY & TIGHTEN NUT.

STANDARD TOLERANCES

.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].	
TITLE N Female Precision Connector Clamp/Solder Attachment for LL335i Cable		DWG NO FMCN1187	CAGE CODE 3FKR5
CAD FILE 121216	SHEET	SCALE N/A	SIZE A
			2233