

**N Male Connector Crimp/Solder Attachment For 0.400 inch, LMR-400, LMR-400-DB, LMR-400-UF Cable**

Type N male connector with crimp/solder attachment for 0.400 inch, LMR-400, LMR-400-DB and LMR-400-UF, part number SC9116, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 11 GHz.

Fairview's type N male connector SC9116 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
Operating Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

**Performance by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 9					GHz
VSWR, Max	1.3:1					

Electrical Specification Notes:  
 Values at +25°C, sea level.  
 Insertion loss: 0.06 x sqrt(fGHz) dB max.

**Mechanical Specifications**

<b>Size</b>	
Length	1.235 in [31.37 mm]
Width/Dia.	0.827 in [21.01 mm]
Weight	0.0785 lbs [35.61 g]

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold 3 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum



**Configuration:**

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- 0.400 inch, LMR-400, LMR-400-DB, LMR-400-UF Interface Type
- Crimp/Solder Attachment

**Features:**

- Operating Frequency of 11 GHz Max.
- Gold Plated Brass Contact
- 3 µin minimum contact plating

**Applications:**

- General Purpose Test
- Custom Cable Assemblies

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## Environmental Specifications

### Temperature

Operating Range -65 to +85 deg C

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

## Plotted and Other Data

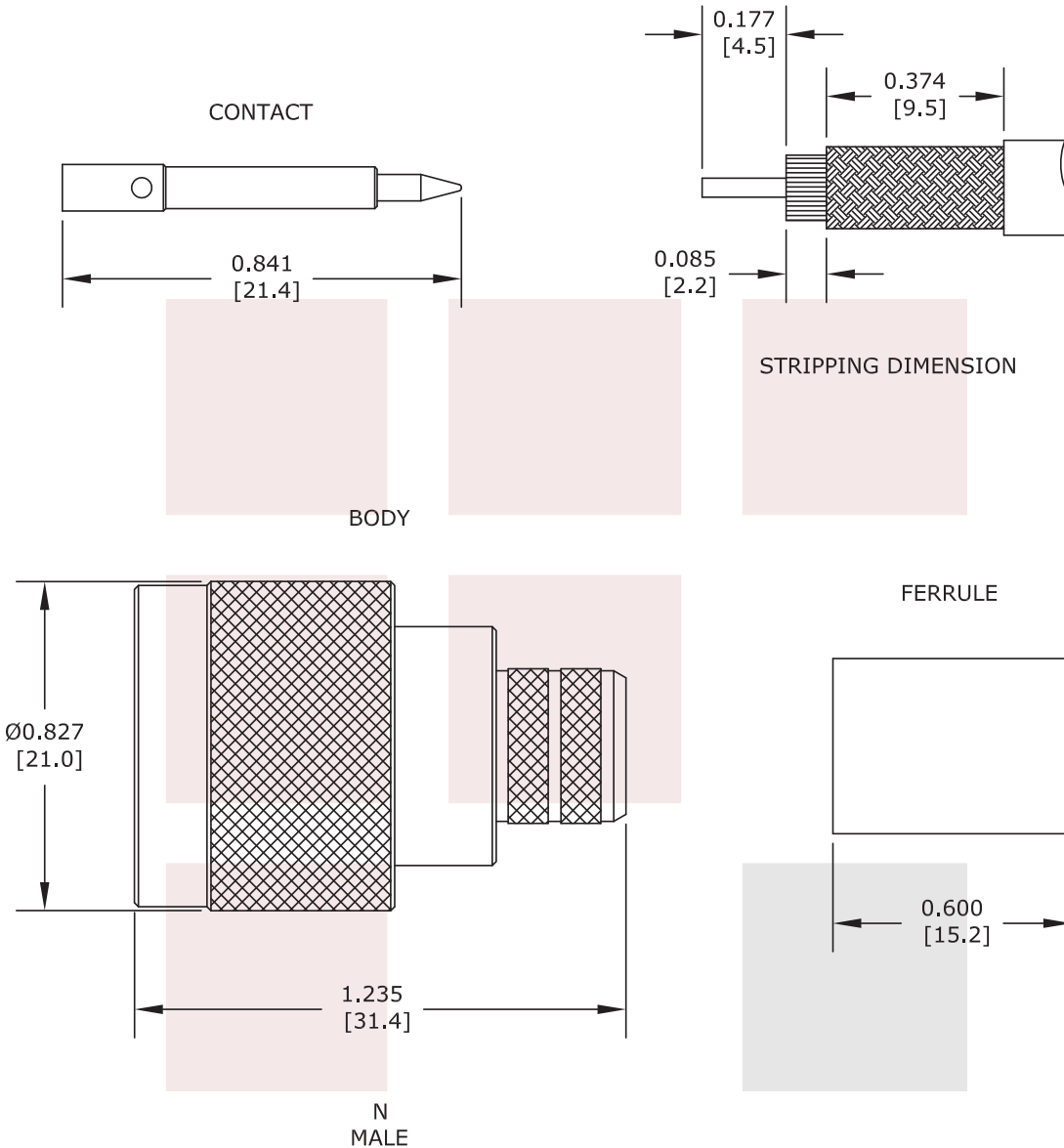
Notes:

N Male Connector Crimp/Solder Attachment For 0.400 inch, LMR-400, LMR-400-DB, LMR-400-UF 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 Male Connector Crimp/Solder Attachment For 0.400 inch, LMR-400, LMR-400-DB, LMR-400-UF Cable SC9116](#)

URL: <https://www.fairviewmicrowave.com/n-male-standard-lmr-400-connector-sc9116-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.



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<b>FAIRVIEW MICROWAVE INC.</b> 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 Male Connector Crimp/Solder Attachment For 0.400 inch, LMR-400, LMR-400-DB, LMR-400-UF Cable		DWG NO SC9116		CAGE CODE 3FKR5	
CAD FILE	121516	SHEET		SCALE	N/A
		SIZE	A	41742	