

## N Male Connector Crimp/Solder Attachment For RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Cable

Type N male connector with crimp/solder attachment for RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A and LMR-100A-FR, part number SC9124, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.25:1.

Fairview's type N male connector SC9124 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		3	GHz
VSWR			1.25:1	
Insertion Loss			0.18	dB
Operating Voltage (AC)			500	Vrms
DWV (AC)			1,000	Vrms

### Mechanical Specifications

<b>Size</b>	
Length	1.09 in [27.69 mm]
Width/Dia.	0.827 in [21.01 mm]
Weight	0.069 lbs [31.3 g]
Mating Cycles	500 Cycles

### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel

### Environmental Specifications

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

### Plotted and Other Data

Notes:



### Configuration:

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Interface Type
- Crimp/Solder Attachment

### Features:

- Operating Frequency of 3 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

### Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

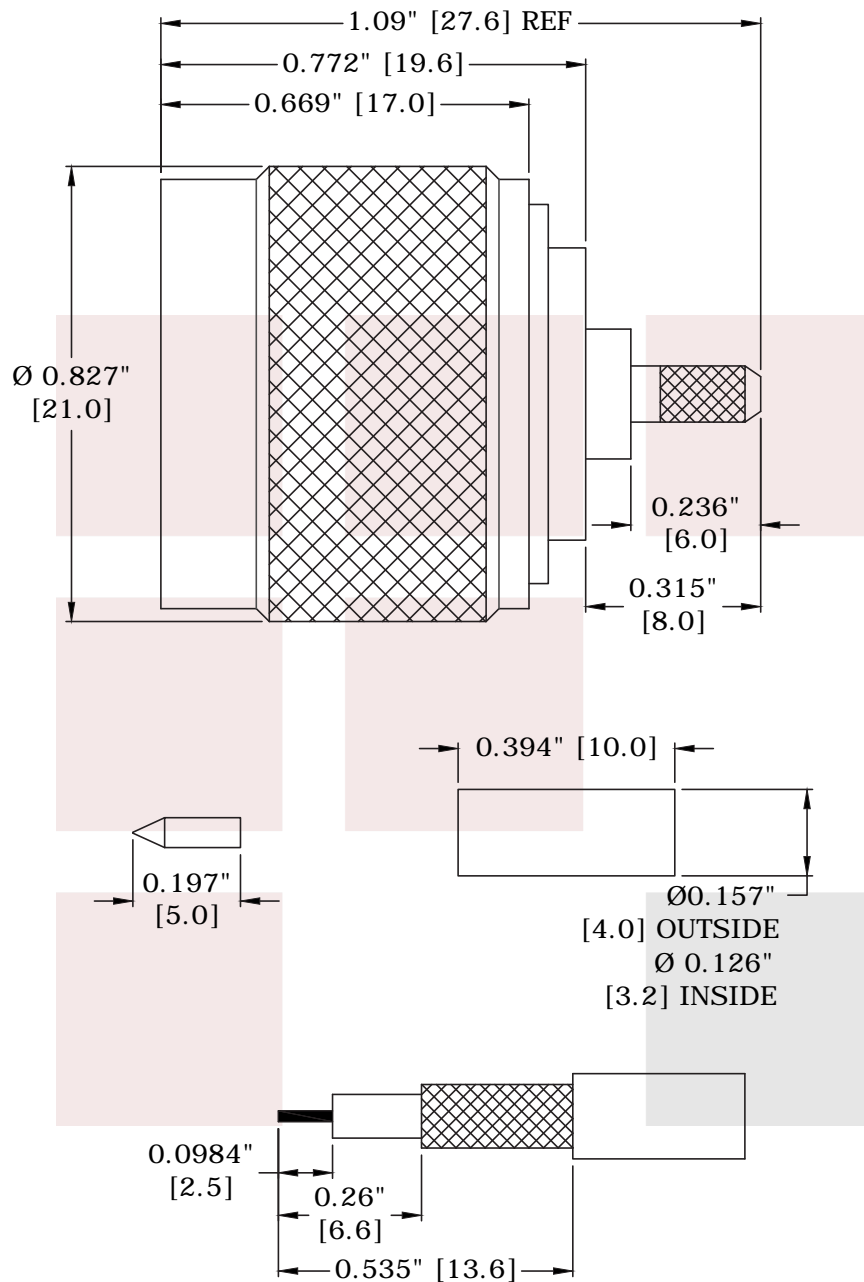
N Male Connector Crimp/Solder Attachment For RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Connector Crimp/Solder Attachment For RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-100A, LMR-100A-FR Cable SC9124](#)

URL: <https://www.fairviewmicrowave.com/n-male-rg316-rg174-connector-sc9124-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.





## FAIRVIEW MICROWAVE INC.

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

### TITLE

N Male Connector Crimp/Solder Attachment For  
RG316, RG174, RG188, 0.100 inch, LMR-100, LMR-  
100A, LMR-100A-FR Cable

### 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].

### DWG NO

SC9124

### CAGE CODE

3FKR5

### CAD FILE

061815

### SHEET

SCALE N/A

SIZE A

5568