

**N Male Connector Crimp/Solder Attachment For
 RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-
 195-FR Cable**

Type N male connector with crimp/solder attachment for RG58, RG141, RG303, 0.195 inch, LMR-195 and LMR-195-FR, part number SC9109, from Fairview Microwave is in-stock and ships same day. This type N male connector operates up to a maximum frequency of 12 GHz and offers good VSWR of 1.3:1.

Fairview's type N male connector SC9109 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 | | 12 | GHz |
| VSWR | | | 1.3:1 | |

Mechanical Specifications

| Size | |
|------------|--------------------|
| Length | 1.48 in [37.59 mm] |
| Width/Dia. | 0.78 in [19.81 mm] |
| Weight | 0.069 lbs [31.3 g] |

Material Specifications

| Description | Material | Plating |
|-------------|----------|---------------------|
| Contact | Brass | Gold MIL-G-45204 |
| Insulation | PTFE | |
| Body | Brass | Nickel QQ-N-290 |

Environmental Specifications

| Temperature | |
|-----------------|-------------------|
| Operating Range | -55 to +155 deg C |

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

Plotted and Other Data

Notes:



Configuration:

- N Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Interface Type
- Crimp/Solder Attachment

Features:

- Operating Frequency of 12 GHz Max.
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204

Applications:

- General Purpose Test
- Custom Cable Assemblies

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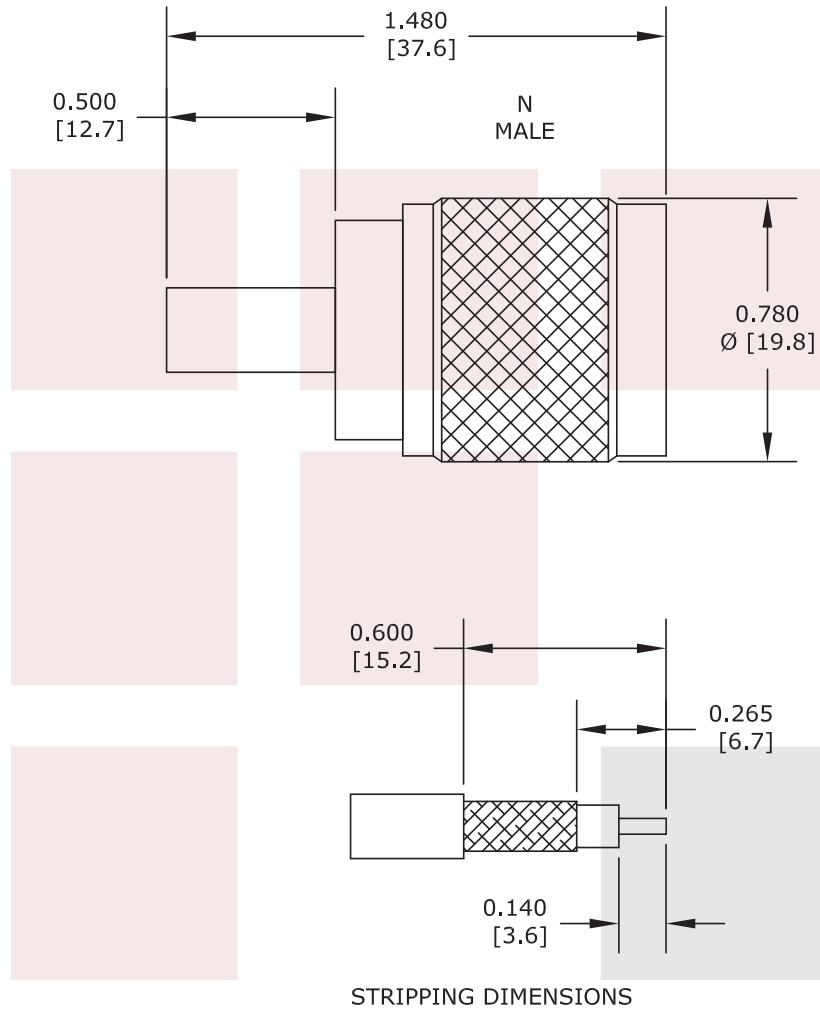
N Male Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable SC9109](#)

URL: <https://www.fairviewmicrowave.com/n-male-standard-rg58-rg141-connector-sc9109-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

| | | | | | |
|---|--------|---|-------|--------------------|-------------|
| 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 Male Connector Crimp/Solder Attachment For RG58, RG141, RG303, 0.195 inch, LMR-195, LMR-195-FR Cable | | DWG NO SC9109 | | CAGE CODE 3FKR5 | |
| CAD FILE | 120916 | SHEET | SCALE | N/A | SIZE A 2233 |