

## N Male Connector Clamp/Solder Attachment for RG59BU, RG62, RG210 Cable



### SC9181

#### Configuration

- N Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG59BU, RG62, RG210

#### Features

- Operating Frequency of 11 GHz Max.
- Good VSWR of 1.3:1
- Silver Plated Brass Contact
- Contact plating according to QQ-S-365

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Type N Male Standard Connector Clamp/Solder Attachment for RG59BU, RG62 and RG210 Cable, part number SC9181, 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 good VSWR of 1.3:1.

Fairview's type N male connector SC9181 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
VSWR			1.3:1	
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	1.38 in [35.05 mm]
Weight	0.07452 lbs [33.8 g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Silver QQ-S-365
Insulation	PTFE	
Outer Conductor	Brass	Nickel
Body	Brass	Nickel QQ-N-290

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#### Environmental Specifications

##### Temperature

Operating Range

-55 to +155 deg C

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

#### Plotted and Other Data

Notes:

N Male Connector Clamp/Solder Attachment for RG59BU, RG62, RG210 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male Connector Clamp/Solder Attachment for RG59BU, RG62, RG210 Cable SC9181](#)

URL: <https://www.fairviewmicrowave.com/n-male-rg59bu-rg62-rg210-connector-sc9181-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

SC9181 CAD Drawing
N Male Connector Clamp/Solder Attachment for RG59BU, RG62, RG210 Cable

