

## SMA Male (Plug) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable



### FMCN5262

#### Configuration

- SMA Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF
- 5/16 inch Hex

#### Features

- Operating Frequency of 12.4 GHz Max.
- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

SMA Male Standard Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR and LMR-195-UF Cable, part number FMCN5262, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 12.4 GHz.

Fairview's SMA male connector FMCN5262 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      |         | 12.4    | GHz   |
| Operating Voltage (AC)               |         |         | 335     | Vrms  |
| Dielectric Withstanding Voltage (AC) |         |         | 1,000   | Vrms  |
| Insulation Resistance                | 5,000   |         |         | MOhms |
| Impedance                            |         | 50      |         | Ohms  |

#### Mechanical Specifications

##### Size

|               |                                   |
|---------------|-----------------------------------|
| Length        | 0.73 in [18.54 mm]                |
| Width         | 0.312 in [7.92 mm]                |
| Height        | 0.312 in [7.92 mm]                |
| Weight        | 0.012 lbs [5.44 g]                |
| Mating Torque | 3 to 5 in-lbs [[0.34 to 0.57 Nm]] |

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for RG55, RG58, RG142, RG223, RG400, LMR-  
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**Material Specifications**

| Description  | Material | Plating             |
|--------------|----------|---------------------|
| Contact      | Brass    | Gold<br>MIL-G-45204 |
| Insulation   | PTFE     |                     |
| Body         | Brass    | Nickel<br>QQ-N-290  |
| Coupling Nut | Brass    | Nickel<br>QQ-N-290  |

**Environmental Specifications**

|                                |                   |
|--------------------------------|-------------------|
| Temperature<br>Operating Range | -65 to +165 deg C |
|--------------------------------|-------------------|

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

**Plotted and Other Data**

Notes:

SMA Male (Plug) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Male \(Plug\) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable FMCN5262](#)

URL: <https://www.fairviewmicrowave.com/sma-male-rg55-rg58-rg142-rg223-rg400-lmr-195-lmr-195-fr-lmr-195-uf-connector-fmcn5262-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.

FMCN5262 CAD Drawing

SMA Male (Plug) Connector Clamp/Solder Attachment for RG55, RG58, RG142, RG223, RG400, LMR-195, LMR-195-FR, LMR-195-UF Cable

