

## N Female Connector Clamp/Solder Attachment 4 Hole Flange for RG58, RG55, RG141, RG142, RG223, RG400 Cable , .718 inch Hole Spacing



### FMCN5243

#### Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG58, RG55, RG141, RG142, RG223, RG400
- 4 Hole Flange

#### Features

- Operating Frequency of 3 GHz Max.
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30  $\mu$ m minimum contact plating

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

#### Description

Type N Female 4 hole Flange Mount Standard 4 hole Flange Mount Connector Clamp/Solder Attachment for RG58, RG55, RG141, RG142, RG223 and RG400 Cable, part number FMCN5243, from Fairview Microwave is in-stock and ships same day. This type N female connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.5:1. Fairview's FMCN5243 4 hole flange type N connector enables designers to make external connections on product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Fairview's type N female 4 hole flange connector FMCN5243 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      |         | 3       | GHz   |
| VSWR                   |         |         | 1.5:1   |       |
| Operating Voltage (AC) |         |         | 1,000   | Vrms  |
| Impedance              |         | 50      |         | Ohms  |

#### Mechanical Specifications

##### Size

|        |                    |
|--------|--------------------|
| Length | 1.38 in [35.05 mm] |
| Width  | 1 in [25.4 mm]     |
| Height | 1 in [25.4 mm]     |
| Weight | 0.09 lbs [40.82 g] |

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### Material Specifications

| Description | Material | Plating                   |
|-------------|----------|---------------------------|
| Contact     | Brass    | Gold<br>30 µin minimum    |
| Body        | Brass    | Nickel<br>100 µin minimum |

**Mechanical Specification Notes:**

When attaching the connector to the cable use a clamp torque value of 26 to 30 in-lbs [2.94 to 3.39 Nm]

### Environmental Specifications

**Temperature**

Operating Range -65 to +165 deg C

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

### Plotted and Other Data

Notes:

N Female Connector Clamp/Solder Attachment 4 Hole Flange for RG58, RG55, RG141, RG142, RG223, RG400 Cable , .718 inch Hole Spacing 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 Female Connector Clamp/Solder Attachment 4 Hole Flange for RG58, RG55, RG141, RG142, RG223, RG400 Cable , .718 inch Hole Spacing FMCN5243](#)

URL: <https://www.fairviewmicrowave.com/n-female-rg58-rg55-rg141-rg142-rg223-rg400-connector-fmcn5243-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.

# FMCN5243 CAD Drawing

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