

## SMA Female Connector Crimp/Solder Attachment for RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A Cable



### FMCN5257

#### Configuration

- SMA Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A

#### Features

- Operating Frequency of 12.4 GHz Max.
- Gold Plated Beryllium Copper Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

SMA Female Standard Connector Crimp/Solder Attachment for RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF and B7808A Cable, part number FMCN5257, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 12.4 GHz.

Fairview's SMA female connector FMCN5257 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   |
| Impedance       |         | 50      |         | Ohms  |

#### Mechanical Specifications

##### Size

|        |                    |
|--------|--------------------|
| Length | 0.97 in [24.64 mm] |
| Width  | 0.313 in [7.95 mm] |
| Height | 0.313 in [7.95 mm] |
| Weight | 0.012 lbs [5.44 g] |

#### Material Specifications

| Description | Material         | Plating |
|-------------|------------------|---------|
| Contact     | Beryllium Copper | Gold    |
| Insulation  | PTFE             |         |
| Body        | Brass            | Gold    |

#### Environmental Specifications

##### Temperature

|                 |                   |
|-----------------|-------------------|
| Operating Range | -65 to +165 deg C |
|-----------------|-------------------|

## SMA Female Connector Crimp/Solder Attachment for RG8X, .240 inch, LMR-240, LMR-240- DB, LMR-240-UF, B7808A Cable



**FMCN5257**

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

### Plotted and Other Data

Notes:

SMA Female Connector Crimp/Solder Attachment for RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A 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 Female Connector Crimp/Solder Attachment for RG8X, .240 inch, LMR-240, LMR-240-DB, LMR-240-UF, B7808A Cable FMCN5257](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/sma-female-rg8x-.240-lmr-240-lmr-240-db-lmr-240-uf-b7808a-connector-fmcn5257.html>

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.

FMCN5257 CAD Drawing

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