

## SMA Male Non-Magnetic Connector Solder Attachment for FM-SR047CU-NM Cable



### FMCN5344

#### Configuration

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: FM-SR047CU-NM
- Non-Magnetic Design

#### Features

- Operating Frequency of 32 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

SMA Male Connector Solder Attachment for FM-SR047CU-NM Cable, part number FMCN5344, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 32 GHz and offers excellent VSWR of 1.25:1.

Fairview's SMA male connector FMCN5344 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		32	GHz
VSWR			1.25:1	
Insertion Loss			0.17	dB
Impedance		50		Ohms

Electrical Specification Notes:  
Insertion Loss is equal to  $0.03 \cdot \sqrt{f(\text{GHz})}$

#### Mechanical Specifications

##### Size

Length	0.312 in [7.92 mm]
Width	0.312 in [7.92 mm]
Height	0.429 in [10.9 mm]
Weight	0.005 lbs [2.27 g]
Mating Torque	7 to 10 in-lbs [[0.79 to 1.13 Nm]]

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**Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Beryllium Copper	Gold
Coupling Nut	Beryllium Copper	Gold
Gasket	Silicone Rubber	

**Environmental Specifications**

**Temperature**

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

**Plotted and Other Data**

Notes:

SMA Male Non-Magnetic Connector Solder Attachment for FM-SR047CU-NM 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 Non-Magnetic Connector Solder Attachment for FM-SR047CU-NM Cable FMCN5344](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/sma-male-fm-sr047cu-nm-connector-fmcn5344.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.

# FMCN5344 CAD Drawing

## SMA Male Non-Magnetic Connector Solder Attachment for FM-SR047CU-NM Cable

