

## SMA Female Connector Solder Attachment for FM-SR047ALTN, FM-SR047CU Cable



### FMCN49837

#### Configuration

- SMA Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: FM-SR047ALTN, FM-SR047CU

#### Features

- Operating Frequency of 18 GHz Max.
- Gold Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

SMA Female Standard Connector Solder/Solder Attachment for FM-SR047ALTN and FM-SR047CU Cable, part number FMCN49837, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz.

Fairview's SMA female connector FMCN49837 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		18	GHz
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

#### Mechanical Specifications

##### Size

Length	0.46 in [11.68 mm]
Width	0.25 in [6.35 mm]
Height	0.25 in [6.35 mm]
Weight	0.0065 lbs [2.95 g]

#### Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE	
Body	Brass	Gold MIL-G-45204

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### Environmental Specifications

#### Temperature

Operating Range

-65 to +165 deg C

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

### Plotted and Other Data

Notes:

SMA Female Connector Solder Attachment for FM-SR047ALTN, FM-SR047CU 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 Solder Attachment for FM-SR047ALTN, FM-SR047CU Cable FMCN49837](#)

URL: <https://www.fairviewmicrowave.com/sma-female-fm-sr047altn-coil-fm-sr047cu-coil-fm-sr047cutn-coil-connector-fmcn49837-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.

FMCN49837 CAD Drawing  
SMA Female Connector Solder Attachment for FM-SR047ALTN, FM-SR047CU Cable

