

RA SMA Male Connector Solder Attachment for FM-SR047ALTN, FM-SR047CU Cable



FMCN49839

Configuration

- SMA Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: FM-SR047ALTN, FM-SR047CU
- 5/16 in. Hex

Features

- Operating Frequency of 10 GHz Max.
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204, Class 1

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

RA SMA Male Standard Connector Solder/Solder Attachment for FM-SR047ALTN and FM-SR047CU Cable, part number FMCN49839, from Fairview Microwave is in-stock and ships same day. This SMA male connector operates up to a maximum frequency of 10 GHz and offers good VSWR of 1.5:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA SMA male connector FMCN49839 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		10	GHz
VSWR			1.5:1	
Operating Voltage (AC)			170	Vrms
Dielectric Withstanding Voltage (AC)			500	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.61 in [15.49 mm]
Width	0.312 in [7.92 mm]
Height	0.416 in [10.57 mm]
Weight	0.011 lbs [4.99 g]
Mating Torque	5 in-lbs [[0.57 Nm]]

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold MIL-G-45204, Class 1
Insulation	PTFE	
Body	Stainless Steel	Gold MIL-G-45204, Class 0
Coupling Nut	Brass	Nickel QQ-N-290, Class 1, Grade G

Environmental Specifications

Temperature Operating Range	-65 to +165 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

RA SMA Male 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: [RA SMA Male Connector Solder Attachment for FM-SR047ALTN, FM-SR047CU Cable FMCN49839](#)

URL: <https://www.fairviewmicrowave.com/sma-male-fm-sr047altn-coil-fm-sr047cu-coil-fm-sr047cutn-coil-connector-fmcn49839-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.

FMCN49839 CAD Drawing
RA SMA Male Connector Solder Attachment for FM-SR047ALTN, FM-SR047CU Cable

