

SMA Female Connector Solder Attachment 2 Hole Flange for FM-SR047ALTN, FM- SR047CU Cable, .481 inch Hole Spacing



FMCN49840

Configuration

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

Features

- Operating Frequency of 18 GHz Max.
- Good VSWR of 1.5:1
- Gold over Nickel Plated Beryllium Copper Contact
- Contact plating according to MIL-G-45204

Applications

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

Description

SMA Female 2 hole Flange Mount Standard 2 hole Flange Mount Connector Solder/Solder Attachment for FM-SR047ALTN and FM-SR047CU Cable, part number FMCN49840, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.5:1. Fairview's FMCN49840 2 hole flange SMA 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 SMA female 2 hole flange connector FMCN49840 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
VSWR			1.5:1	
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.439 in [11.15 mm]
Width	0.223 in [5.66 mm]
Height	0.625 in [15.88 mm]
Weight	0.005 lbs [2.27 g]

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel MIL-G-45204
Insulation	PTFE	
Outer Conductor	Stainless Steel	Gold MIL-G-45204
Body	Stainless Steel	Gold over Nickel MIL-G-45204

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:

SMA Female Connector Solder Attachment 2 Hole Flange for FM-SR047ALTN, FM-SR047CU Cable, .481 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: [SMA Female Connector Solder Attachment 2 Hole Flange for FM-SR047ALTN, FM-SR047CU Cable, .481 inch Hole Spacing FMCN49840](#)

URL: <https://www.fairviewmicrowave.com/sma-female-fm-sr047altn-coil-fm-sr047cu-coil-fm-sr047cutn-coil-connector-fmcn49840-p.aspx>

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