

SMC Jack (Female) PCB Connector 0.062 inch End
Launch Solder Attachment .030 inch Diameter



FMCN5334

Configuration

- SMC Jack Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: 0.062 inch End Launch

Features

- Operating Frequency of 10 GHz Max.
- Good VSWR of 1.3:1
- Gold over Nickel over Copper Plated Brass Contact

Applications

- General Purpose Test
- PCB Applications

Description

SMC Jack Connector Solder Attachment for 0.062 inch End Launch Cable, part number FMCN5334, from Fairview Microwave is in-stock and ships same day. This SMC jack connector operates up to a maximum frequency of 10 GHz and offers good VSWR of 1.3:1.

Fairview's SMC jack connector FMCN5334 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			1.3:1	
Insertion Loss			0.316	dB
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			750	Vrms
Inner Conductor DC Resistance			5	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	10,000			MOhms
RF Leakage	90			dB
Impedance		50		Ohms

Mechanical Specifications

Size

- Length 0.563 in [14.3 mm]
- Width 0.374 in [9.5 mm]
- Height 0.563 in [14.3 mm]
- Weight 0.5 lbs [226.8 g]
- Mating Cycles 500 Cycles
- Mating Torque 2.2 to 3.1 in-lbs [[0.25 to 0.35 Nm]]

SMC Jack (Female) PCB Connector 0.062 inch End
Launch Solder Attachment .030 inch Diameter



FMCN5334

Material Specifications

Description	Material	Plating
Contact	Brass	Gold over Nickel over Copper
Insulation	PTFE	
Body	Brass	Gold over Nickel over Copper

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Humidity

MIL-STD-202, Method 106

Thermal Shock

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

Notes:

SMC Jack (Female) PCB Connector 0.062 inch End Launch Solder Attachment .030 inch Diameter 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: [SMC Jack \(Female\) PCB Connector 0.062 inch End Launch Solder Attachment .030 inch Diameter FMCN5334](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/smc-jack-0.062-end-launch-pcb-connector-fmcn5334.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.

