

QMA Female (Jack) Bulkhead Connector Solder Attachment for FM-SR086TB, FM-SR086TBJ, FM-F086 Cable .268 inch D Hole



FMCN5337

Configuration

- QMA Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: FM-SR086ALTN-COIL, FM-SR086CU-COIL, FM-SR086CUTN-COIL, FM-SR086TB, FM-SR086TBJ, FM-F086
- Bulkhead

Features

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.15:1
- Gold over Nickel over Copper Plated Beryllium Copper Contact

Applications

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

Description

QMA Female Bulkhead Mount Connector Solder Attachment for FM-SR086ALTN-COIL, FM-SR086CU-COIL, FM-SR086CUTN-COIL, FM-SR086TB, FM-SR086TBJ and FM-F086 Cable, part number FMCN5337, from Fairview Microwave is in-stock and ships same day. This QMA female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.15:1. Fairview's FMCN5337 bulkhead QMA 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 QMA female bulkhead connector FMCN5337 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		6	GHz
VSWR			1.15:1	
Insertion Loss			0.122	dB
Operating Voltage (AC)			480	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2.5	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	70			dB
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.787 in [19.99 mm]
Width	0.437 in [11.1 mm]

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Height	0.787 in [19.99 mm]
Weight	0.16 lbs [72.57 g]
Mating Cycles	100 Cycles
Cable Retention Force	13.5 lbs [6.12 kg]
Engagement Force	5.6lbs [2.54kg]
Disengagement Force	4.5lbs [2.04kg]

Material Specifications

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

Environmental Specifications

Temperature	
Operating Range	-40 to +165 deg C
Humidity	IEC 60169-1 19.3 (96hrs) steady state
Thermal Shock	IEC 60169-1 16.4 (-40°C to +85°C)
Salt Spray	IEC 60169-1 16.7 (48hrs)

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

Plotted and Other Data

Notes:

QMA Female (Jack) Bulkhead Connector Solder Attachment for FM-SR086TB, FM-SR086TBJ, FM-F086 Cable .268 inch D Hole 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: [QMA Female \(Jack\) Bulkhead Connector Solder Attachment for FM-SR086TB, FM-SR086TBJ, FM-F086 Cable .268 inch D Hole FMCN5337](#)

URL: <https://www.fairviewmicrowave.com/product/rf-connectors/qma-female-pe-sr405al-pe-sr405fl-pe-sr405flj-rg405-rg405-tinned-connector-fmcn5337.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.

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