

SMA Female (Jack) Bulkhead Connector Crimp Attachment for TCOM-240, RG8X, LMR-LW240, LMR-240, LMR-240-DB, LMR-240-UF Cable



FMCN5133

Configuration

- SMA Female Connector
- 50 Ohms
- Connector Interface Types: TCOM-240, LMR-240-FR, LMR-LW240, LMR-240, LMR-240-DB, LMR-240-UF, RG8X, TCOM-240-FR
- Bulkhead

Features

- Operating Frequency of 6 GHz Max.
- Excellent VSWR of 1.25:1
- Gold Plated Beryllium Copper Contact

Applications

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

Description

SMA Female Bulkhead Connector Crimp Attachment for TCOM-240, LMR-240-FR, LMR-LW240, LMR-240, LMR-240-DB, LMR240-UF, RG8X and TCOM-240-FR Cable, part number FMCN5133, from Fairview Microwave is in-stock and ships same day. This SMA female connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1. Fairview's FMCN5133 bulkhead 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 bulkhead connector FMCN5133 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			1.25:1	
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.04 in [26.42 mm]
Width	0.49 in [12.45 mm]
Height	0.43 in [10.92 mm]
Weight	0.012 lbs [5.44 g]

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Tri-metal
Gasket	Silicone Rubber	
Crimp Sleeve	Brass	Tri-metal

Environmental Specifications

Temperature	
Operating Range	-40 to +155 deg C

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

Plotted and Other Data

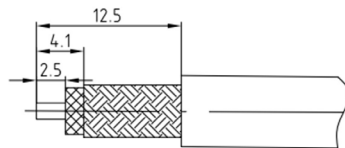
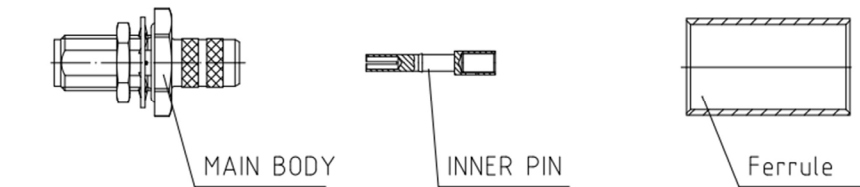
Notes:

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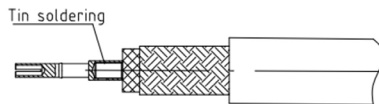
FMCN5133



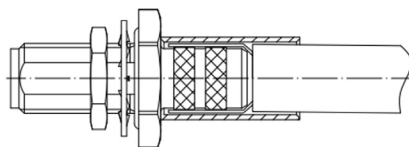
Assembly Instruction



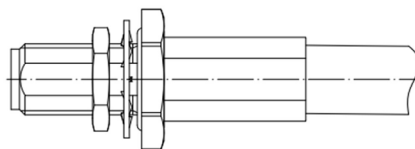
- 1.A. Stripping dimension is as shown by diagram, attention should be paid while stripping.
B. Remove residual burr.



- 2.A. Solder inner conduct.
B. Remove residual burr.



- 3.Put the connector in place, Then push the ferrule.



- 4.A. Compression crimping sleeve
B. Push the heat shrink tube,blow it with heat gun.

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For additional information on this product, please click the following link: [SMA Female \(Jack\) Bulkhead Connector Crimp Attachment for TCOM-240, RG8X, LMR-LW240, LMR-240, LMR-240-DB, LMR-240-UF Cable FMCN5133](https://www.fairviewmicrowave.com/sma-female-lmr240-connector-fmcn5133-p.aspx)

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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.

FMCN5133 CAD Drawing

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