

7/16 DIN Female (Jack) Bulkhead Connector Crimp/ Non-Solder Contact Attachment for LMR-400, LMR- 400-DB, LMR-400-FR Cable, 1.154 inch DD Hole

FMCN5290



Configuration

- 7/16 DIN Female Connector
- IEC 61169-4
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-400, LMR-400-DB, LMR-400-FR, LMR-400-LLPX, LMR-400-UF, LMR-400-UF-FR, LMR-LW400, TCOM-400, TCOM-400-FR
- Bulkhead

Features

- Operating Frequency of 3 GHz Max.
- Excellent VSWR of 1.15:1
- Silver Plated Spring Copper Contact
- 5 µm minimum contact plating

Applications

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

Description

7/16 DIN Female Bulkhead Standard Bulkhead Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, LMR-400-LLPX, LMR-400-UF, LMR-400-UF-FR, LMR-LW400, TCOM-400 and TCOM-400-FR Cable, part number FMCN5290, from Fairview Microwave is in-stock and ships same day. This 7/16 DIN female connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.15:1. Fairview's FMCN5290 bulkhead 7/16 DIN 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 7/16 DIN female bulkhead connector FMCN5290 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		3	GHz
VSWR			1.15:1	
Insertion Loss			0.1	dB
Operating Voltage (DC)			2,700	Vdc
Dielectric Withstanding Voltage (DC)			4,000	Vdc
Inner Conductor DC Resistance			0.8	mOhms
Outer Conductor DC Resistance			0.2	mOhms
Insulation Resistance	10,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.9 in [48.26 mm]
Width	1.54 in [39.12 mm]
Height	1.54 in [39.12 mm]

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Weight	0.303 lbs [137.44 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Spring Copper	Silver 5 µm minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 2 µm minimum

Environmental Specifications

Temperature	
Operating Range	-40 to +85 deg C
Shock	IEC 60068-2-27
Vibration	IEC 60068-2-6-Fc
Thermal Shock	IEC 60068-2-14-Na

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

Plotted and Other Data

Notes:

7/16 DIN Female (Jack) Bulkhead Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR Cable, 1.154 inch DD 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: [7/16 DIN Female \(Jack\) Bulkhead Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR Cable, 1.154 inch DD Hole FMCN5290](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-female-lmr-400-lmr-400-db-lmr-400-fr-lmr-400-lpx-lmr-400-uf-lmr-400-uf-fr-lmr-lw400-tcom-400-tcom-400-fr-connector-fmcn5290-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.

FMCN5290 CAD Drawing
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for LMR-400, LMR-400-DB, LMR-400-FR Cable, 1.154 inch DD Hole

