

**Low PIM 7/16 DIN Male to 7/16 DIN Female Adapter**  
**Low VSWR**

**Configuration**

Connector 1	7/16 DIN Male
Connector 2	7/16 DIN Female
Impedance	50 Ohms
Adapter Design	Low PIM
Body Style	Straight



**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		8	GHz
VSWR			1.5:1	
Passive Intermodulation			-165	
Dielectric Withstanding Voltage (AC)			4,000	Vrms
Group Delay			100	ps

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 2	2 to 5	5 to 8			GHz
VSWR, Max	1.1:1	1.2:1	1.5:1			

**Mechanical Specifications**

<b>Size</b>	
Length	1.57 in [39.88 mm]
Width	1.25 in [31.75 mm]
Weight	0.28 lbs [127.01 g]

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Female
Polarity	Standard	Standard
Interface Specification	IEC 169-4	IEC 169-4
Mating Cycles	500	500
Hex Size	32 mm	
Mating Torque, Max	18.417 ft-lbs [24.97 Nm]	

**Material Specifications**

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Female
Contact Material and Plating	Brass, Silver	Beryllium Copper, Silver
Contact Plating Specification	200 [5] $\mu$ in. [ $\mu$ m] min.	200 [5] $\mu$ in. [ $\mu$ m] min.
Insulation Material	PTFE	PTFE
Body Material and Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Plating Specification	100 [2.54] $\mu$ in. [ $\mu$ m] min.	100 [2.54] $\mu$ in. [ $\mu$ m] min.
Coupling Nut Material and Plating	Brass, Tri-Metal	
Coupling Nut Plating Specification	100 [2.54] $\mu$ in. [ $\mu$ m] min.	

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**Environmental Specifications**

**Temperature**

Operating Range -40 to 155 deg C

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

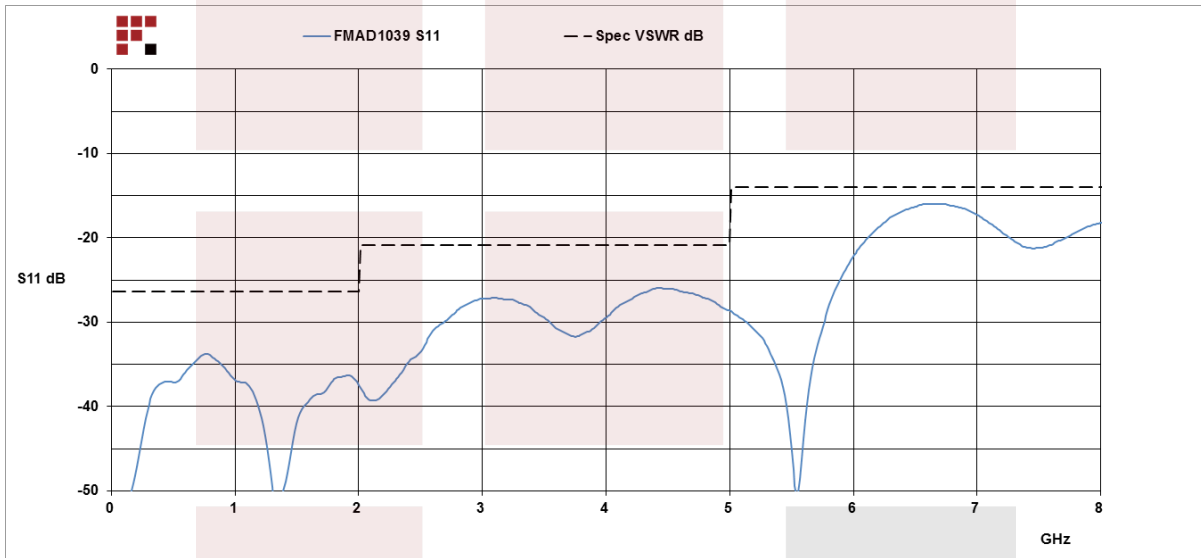
RoHS Compliant

REACH Compliant 12/17/2014

**Plotted and Other Data**

Notes:

**Typical Performance Data**

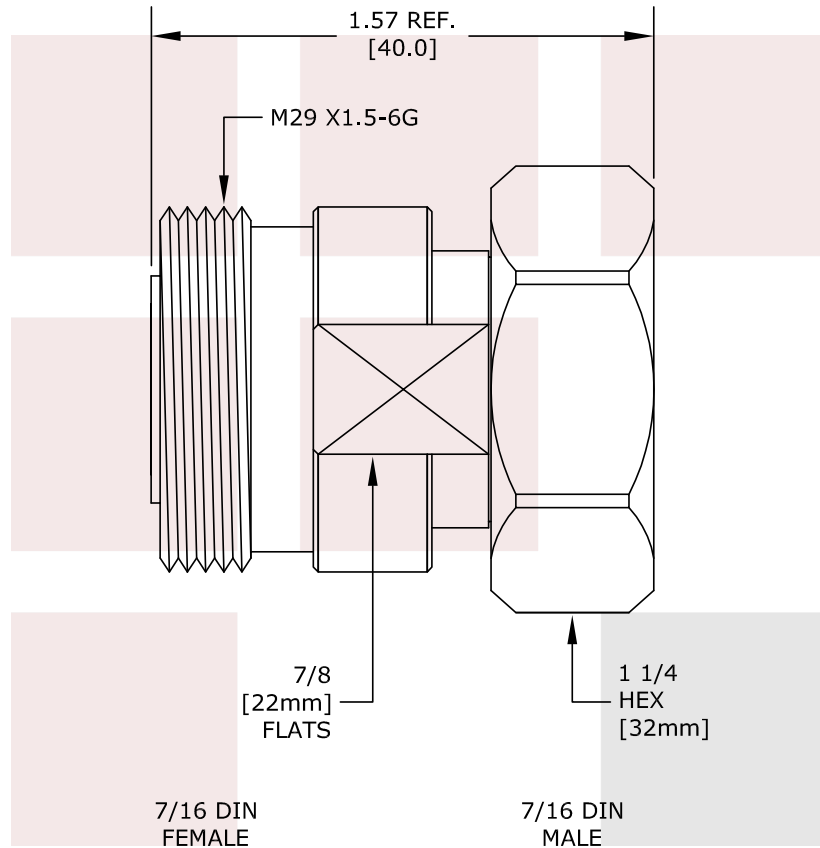


Low PIM 7/16 DIN Male to 7/16 DIN Female Adapter Low VSWR from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Low PIM 7/16 DIN Male to 7/16 DIN Female Adapter Low VSWR FMAD1039](#)

URL: <http://www.fairviewmicrowave.com/low-pim-7-16-male-7-16-female-adapter-fmad1039-p.aspx>

The information contained in 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 any liability arising out of the use of any part or documentation.



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TITLE Low PIM 7/16 DIN Male to 7/16 DIN Female Adapter Low VSWR		DWG NO <b>FMAD1039</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	022715	SHEET	SCALE	N/A	SIZE A 150