

**Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter**

**Electrical Specifications**

Frequency Range	DC to 6 GHz
Maximum VSWR	1.25:1
Maximum Passive Intermodulation (2 x 20 Watts)	-160 dBc

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Range	DC to 3	3 to 4	4 to 6			GHz
VSWR	1.1:1	1.15:1	1.25:1			

**Mechanical Specifications**

**Size**

Length	1.97 in [50.04 mm]
Width	1.25 in [31.75 mm]
Weight	0.25485 lbs [115.6 g]

**Connector 1**

Type	7/16 DIN Male
Inner Conductor Material and Plating	Beryllium Copper, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal
Hex Size	32 mm
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

**Connector 2**

Type	4.1/9.5 Mini DIN Male
Inner Conductor Material and Plating	Beryllium Copper, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal
Hex Size	22 mm
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

**Environmental Specifications**

**Temperature**

Operating Range	-40 to +120 deg C
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

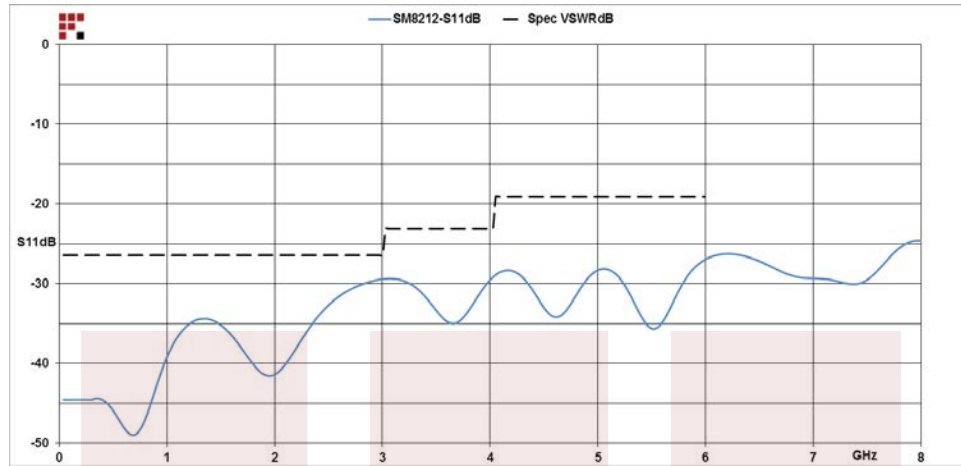


**Features:**

- Connector 1: 7/16 DIN Male
- Impedance 1: 50 Ohms
- Connector 2: 4.1/9.5 Mini DIN Male
- Impedance 2: 50 Ohms
- Adapter Design: Low PIM
- Body Style: Straight
- Low PIM: -160 dBc

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**Typical Performance Data**

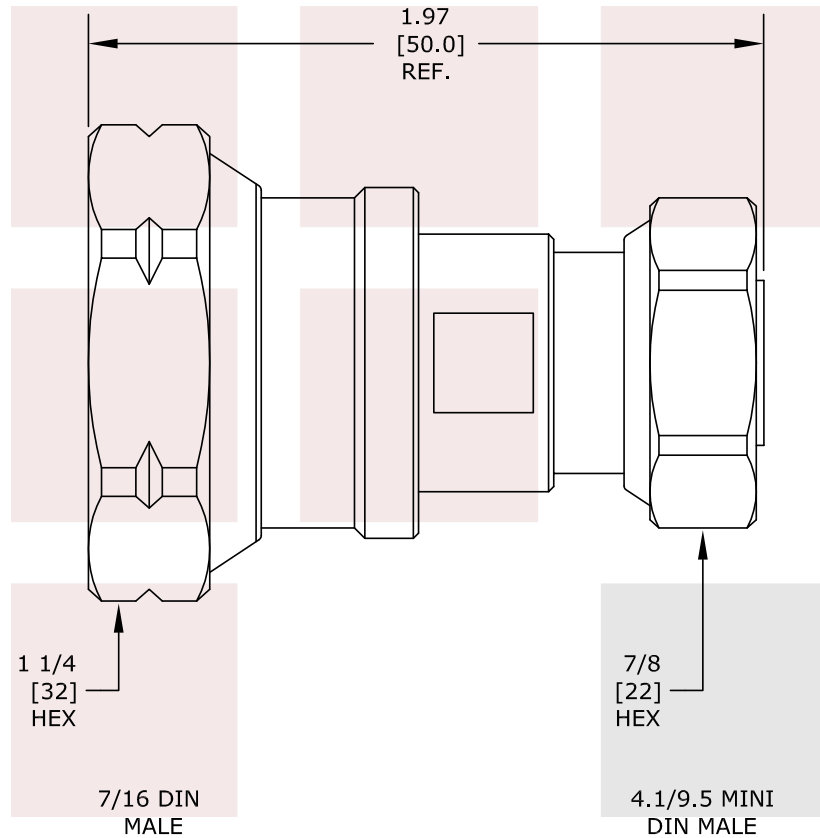


Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter SM8212](#)

URL: <http://www.fairviewmicrowave.com/low-pim-7-16-male-4.1-9.5-mini-din-male-adapter-sm8212-p.aspx>

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TITLE Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter		DWG NO <b>SM8212</b>		CAGE CODE <b>3FKR5</b>	
		CAD FILE 111814	SHEET	SCALE N/A	SIZE A 150