

Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Female 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	1.81 in [45.97 mm]
Width	1.25 in [31.75 mm]
Weight	0.2403 lbs [109 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 Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
Outer Conductor Material and Plating	Brass, Tri-Metal
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 for current document)

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

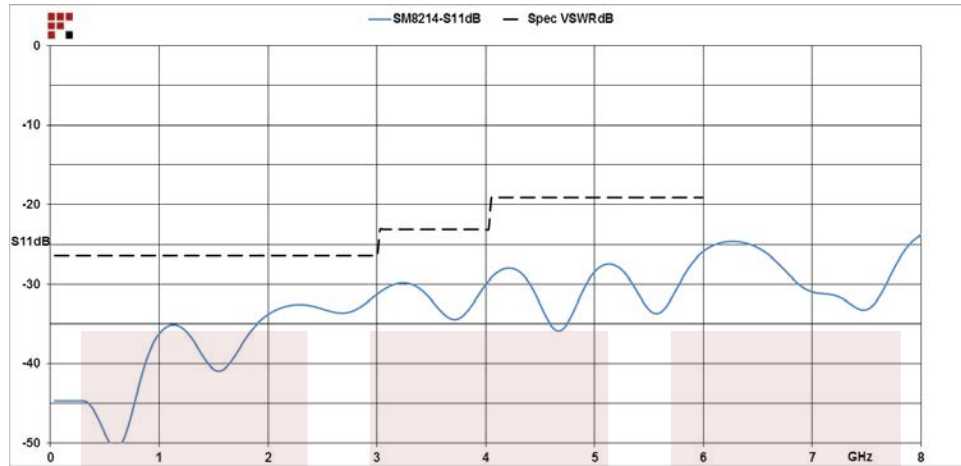


Features:

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

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Typical Performance Data

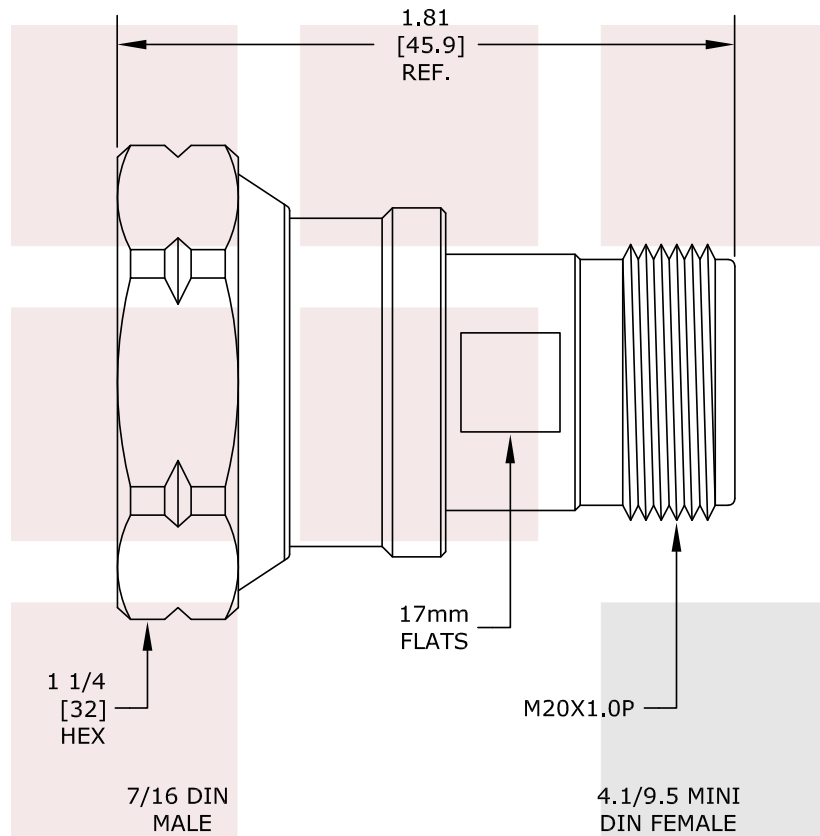


Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Female Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Female Adapter SM8214](#)

URL: <http://www.fairviewmicrowave.com/low-pim-7-16-male-4.1-9.5-mini-din-female-adapter-sm8214-p.aspx>

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TITLE Low PIM 7/16 DIN Male to 4.1/9.5 Mini DIN Female Adapter		DWG NO SM8214		CAGE CODE 3FKR5	
CAD FILE	111814	SHEET	SCALE	N/A	SIZE A 150