

Low PIM 7/16 DIN Female 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	
Width	
Weight	2.03 in [51.56 mm] 1.14 in [28.96 mm]

0.26985 lbs [122.4 g]

Connector 1

Type	7/16 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

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 for current document)

RoHS Compliant	Yes
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Plotted and Other Data

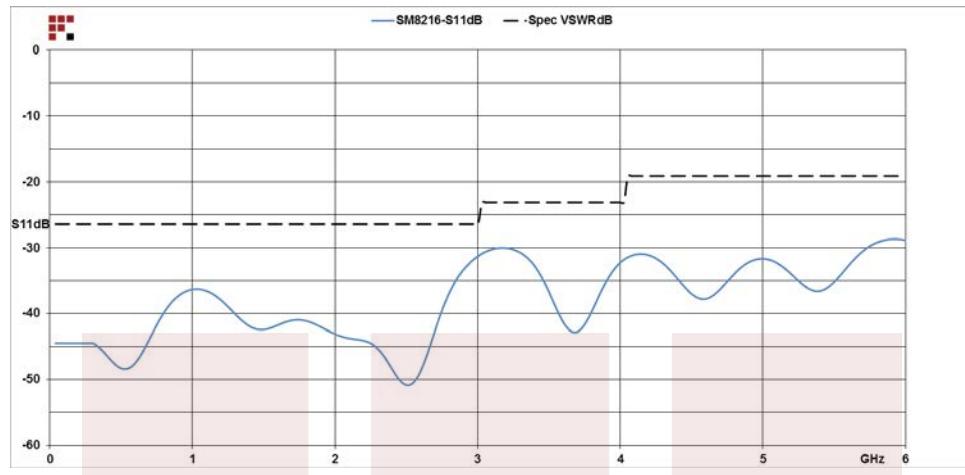
Notes:	
• Values at 25 °C, sea level	



Features:

- Connector 1: 7/16 DIN Female
- 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

Typical Performance Data

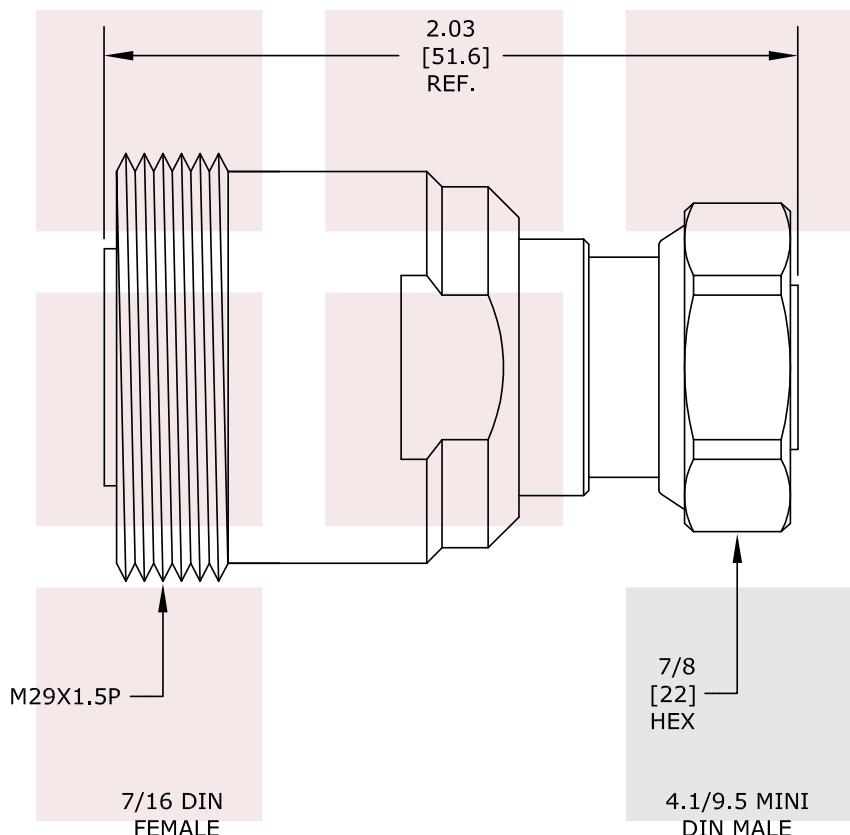


Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Low PIM 7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter SM8216](#)

URL: <http://www.fairviewmicrowave.com/low-pim-7-16-female-4.1-9.5-mini-din-male-adapter-sm8216-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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NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

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

DWG NO	CAGE CODE	
SM8216	3FKR5	
CAD FILE 111814	SCALE N/A	SIZE A 150