

**7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter  
 IP67 Mated**

**Electrical Specifications**

Frequency Range	DC to 6 GHz
Maximum VSWR	1.25:1

**Mechanical Specifications**

<b>Size</b>	
Length	1.969 in [50.01 mm]
Width	1.25 in [31.75 mm]
Weight	0.268 lbs [121.56 g]

**Connector 1**

Type	7/16 DIN Male
Inner Conductor Material and Plating	Brass, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal
Hex Size	32 mm
Torque	18.333 ft-lbs [24.86 Nm]
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	Brass, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal
Hex Size	22 mm
Torque	90 in-lbs [10.17 Nm]
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

**Environmental Specifications**

**Temperature**

Operating Range	-40 to +120 deg C
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Ingress Protection	IP67 Mated
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

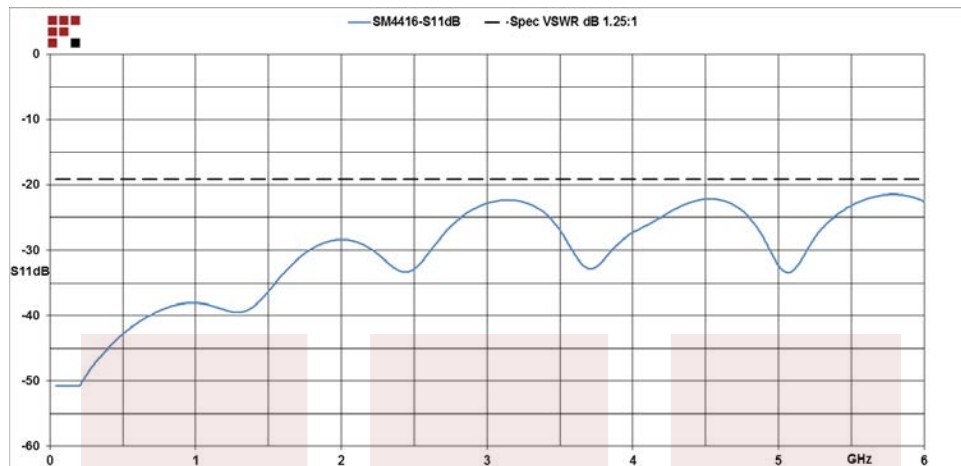


**Features:**

- Ingress Protection: IP67 Mated
- 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: Standard
- Body Style: Straight

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**Typical Performance Data**

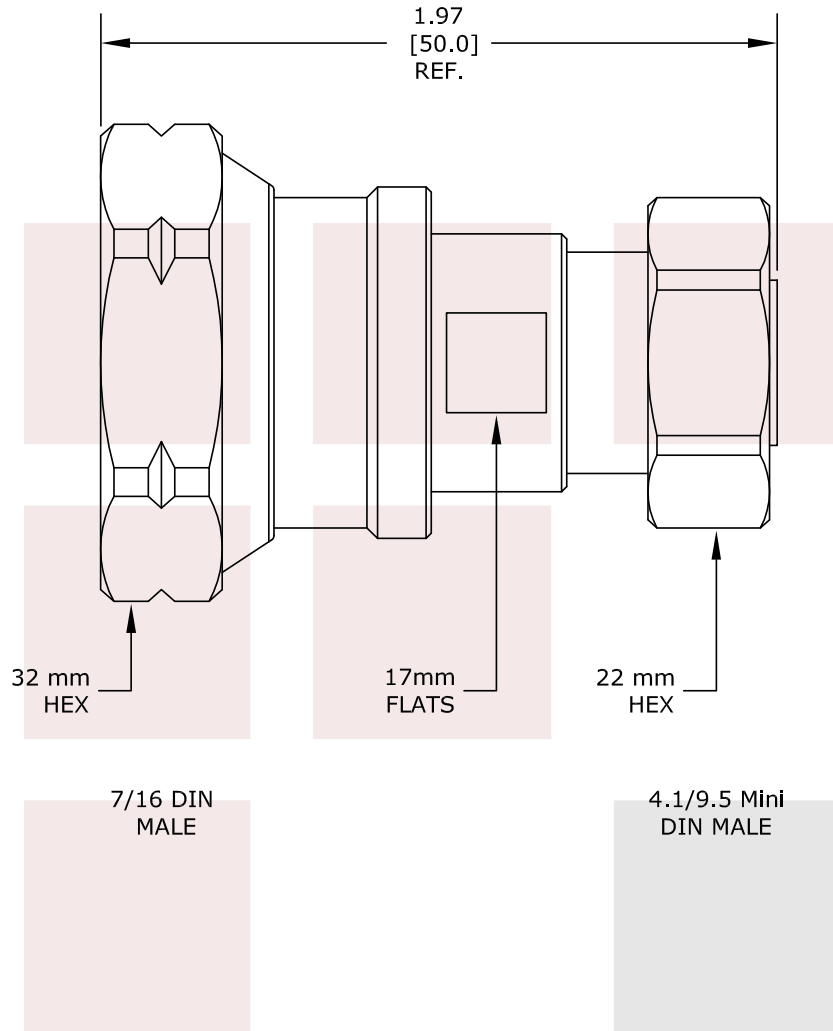


7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter IP67 Mated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter IP67 Mated SM4416](#)

URL: <http://www.fairviewmicrowave.com/7-16-male-4.1-9.5-mini-din-male-adapter-sm4416-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  
 7/16 DIN Male to 4.1/9.5 Mini DIN Male Adapter IP67  
 Mated

DWG NO	<b>SM4416</b>	CAGE CODE	<b>3FKR5</b>
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CAD FILE	061014	SHEET	SCALE	N/A	SIZE	A	2233
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