

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

Electrical Specifications

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

Mechanical Specifications

Size	
Length	1.809 in [45.95 mm]
Width	1.25 in [31.75 mm]
Weight	0.259 lbs [117.48 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
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 Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PTFE

Environmental Specifications

Temperature	
Operating Range	-40 to +120 deg C
Ingress Protection	IP67 Mated

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
----------------	-----

Plotted and Other Data

- Notes:
- Values at 25 °C, sea level

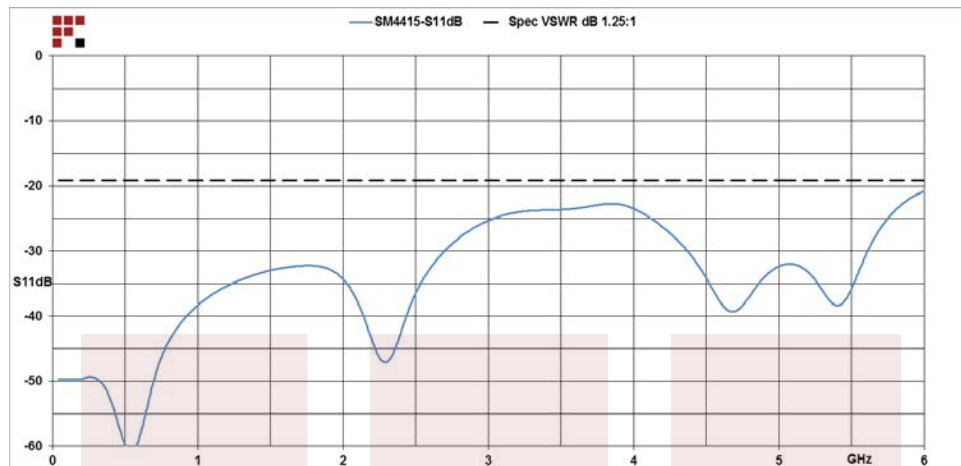


Features:

- Ingress Protection: IP67 Mated
- Connector 1: 7/16 DIN Male
- Impedance 1: 50 Ohms
- Connector 2: 4.1/9.5 Mini DIN Female
- Impedance 2: 50 Ohms
- Adapter Design: Standard
- Body Style: Straight
- Low PIM: 160 dBc

Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data

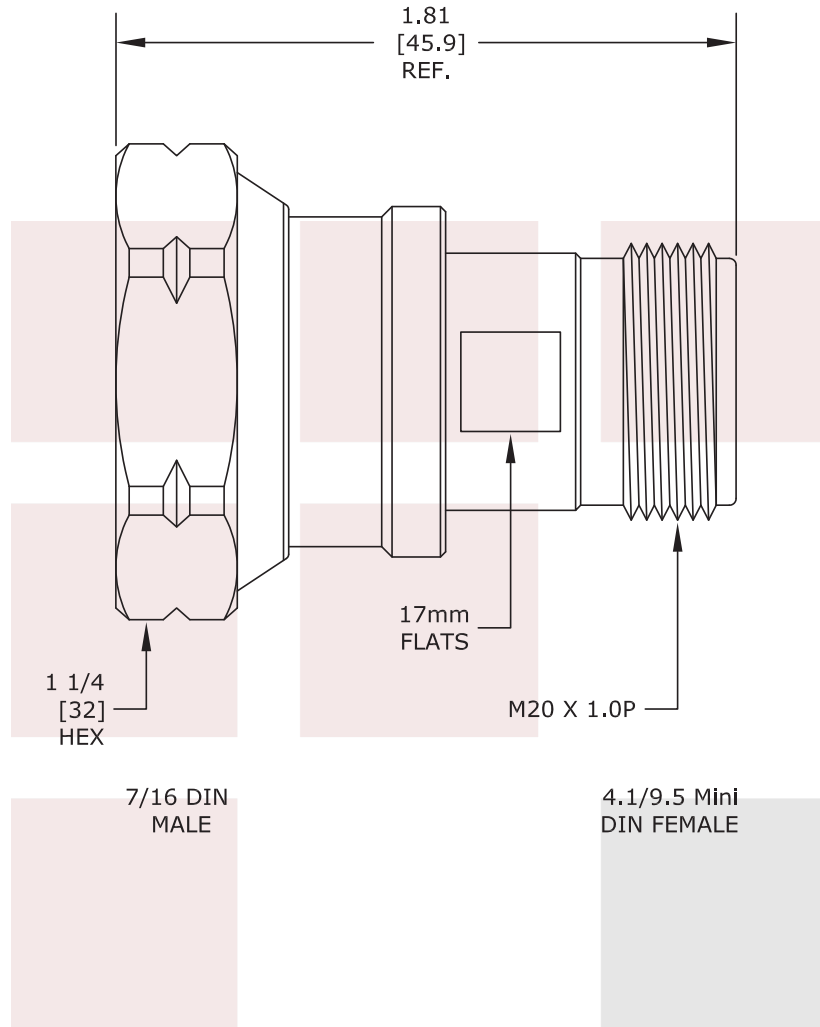


7/16 DIN Male to 4.1/9.5 Mini DIN Female Adapter IP67 Mated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Male to 4.1/9.5 Mini DIN Female Adapter IP67 Mated SM4417](#)

URL: <http://www.fairviewmicrowave.com/7-16-male-4.1-9.5-mini-din-female-adapter-sm4417-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.



FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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 Female Adapter IP67 Mated		DWG NO SM4417		CAGE CODE 3FKR5	
CAD FILE	061014	SHEET		SCALE	N/A
		SIZE	A		2233