

7/16 DIN Female 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

Specifications by Frequency

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

Mechanical Specifications

Size	
Length	1.872 in [47.55 mm]
Weight	0.261 lbs [118.39 g]

Connector 1

Type	7/16 DIN Female
Inner Conductor Material and Plating	Beryllium Copper, Silver
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
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Plotted and Other Data

- Notes:
- Values at 25 °C, sea level

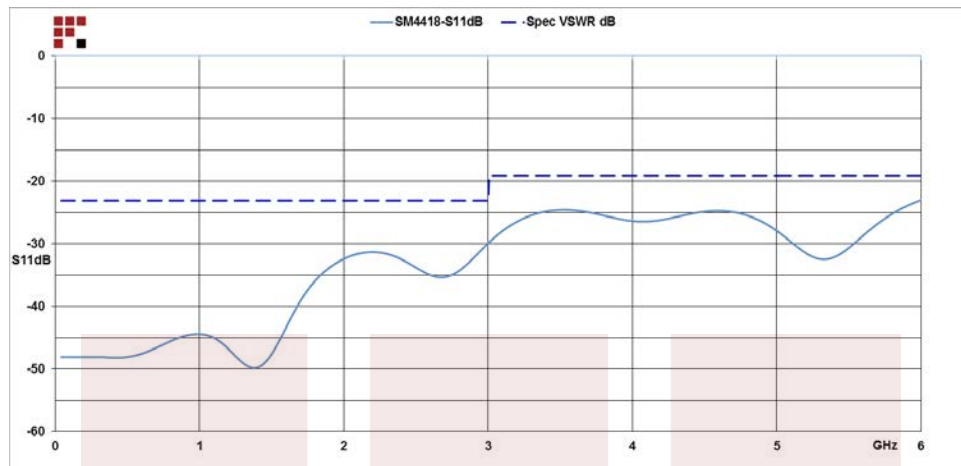


Features:

- Ingress Protection: IP67 Mated
- Connector 1: 7/16 DIN Female
- 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

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Typical Performance Data

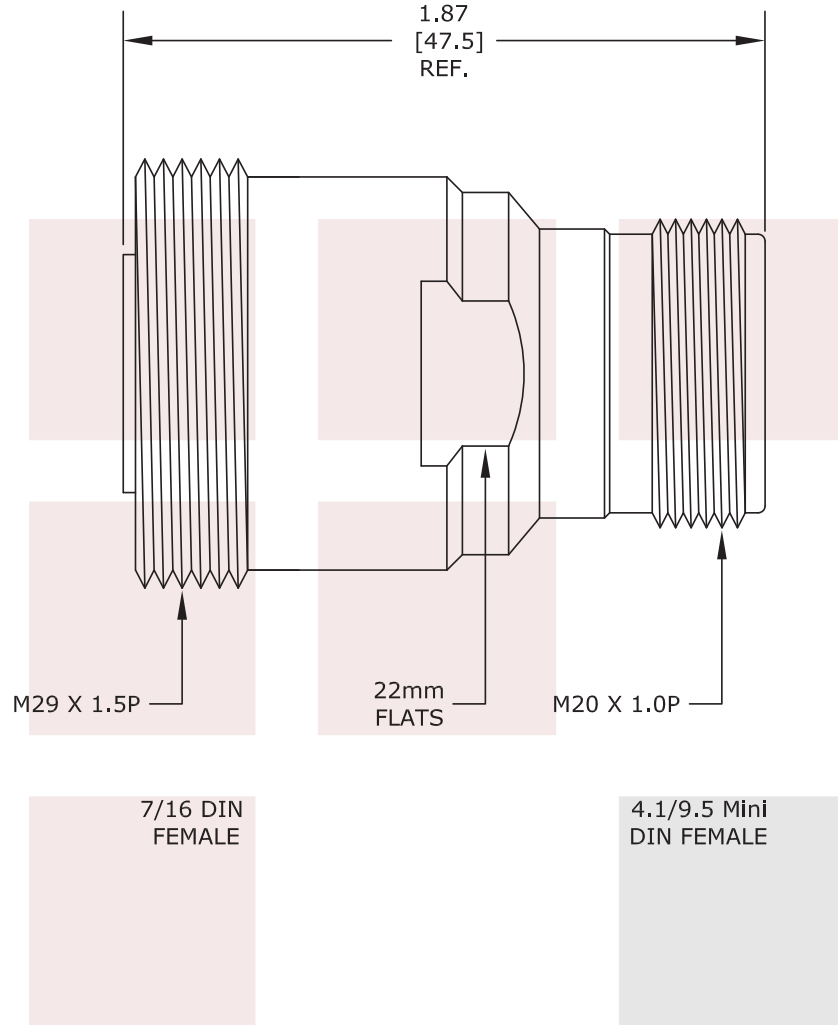


7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter IP67 Mated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter IP67 Mated SM4418](#)

URL: <http://www.fairviewmicrowave.com/7-16-female-4.1-9.5-mini-din-female-adapter-sm4418-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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TITLE 7/16 DIN Female to 4.1/9.5 Mini DIN Female Adapter IP67 Mated		DWG NO SM4418		CAGE CODE 3FKR5	
CAD FILE	061614	SHEET		SCALE	N/A
		SIZE	A		2233