

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

Electrical Specifications

Frequency Range	DC to 6 GHz
Maximum VSWR	1.25:1
Maximum Insertion Loss	19.1 dB

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 3	3 to 6				GHz
VSWR	1.15:1	1.25:1				
Return Loss	23.1	19.1				dB

Mechanical Specifications

Size

Length 2.031 in [51.59 mm]

Weight 0.27117 lbs [123 g]

Connector 1

Type

7/16 DIN Female
 Beryllium Copper, Silver
 Brass, Tri-Metal
 PTFE

Inner Conductor Material and Plating
 Body Material and Plating
 Dielectric Type

Connector 2

Type

4.1/9.5 Mini DIN Male
 Beryllium Copper, Silver
 Brass, Tri-Metal
 22 mm
 90 in-lbs [10.17 Nm]
 Brass, Tri-Metal
 PTFE

Inner Conductor Material and Plating
 Coupling Nut Material and Plating
 Hex Size
 Torque
 Body Material and Plating
 Dielectric Type

Environmental Specifications

Temperature

Operating Range -40 to +120 deg C

Ingress Protection IP67 Mated

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

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

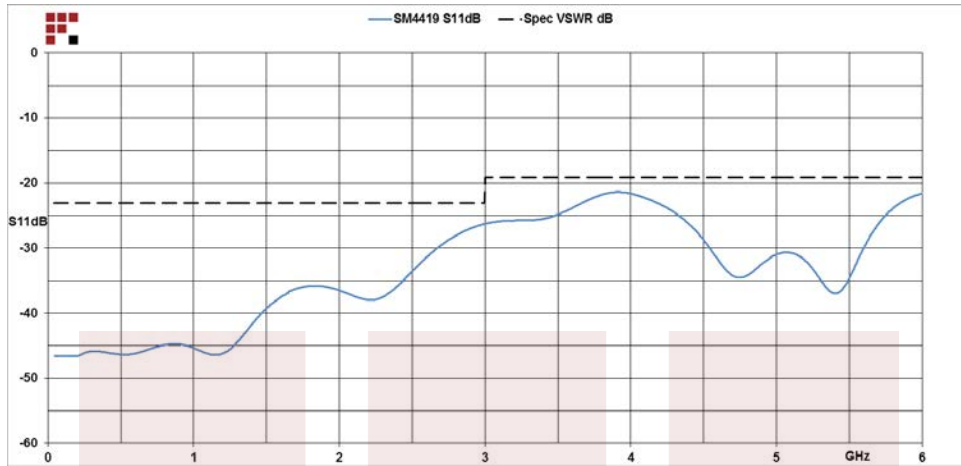


Features:

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

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Typical Performance Data

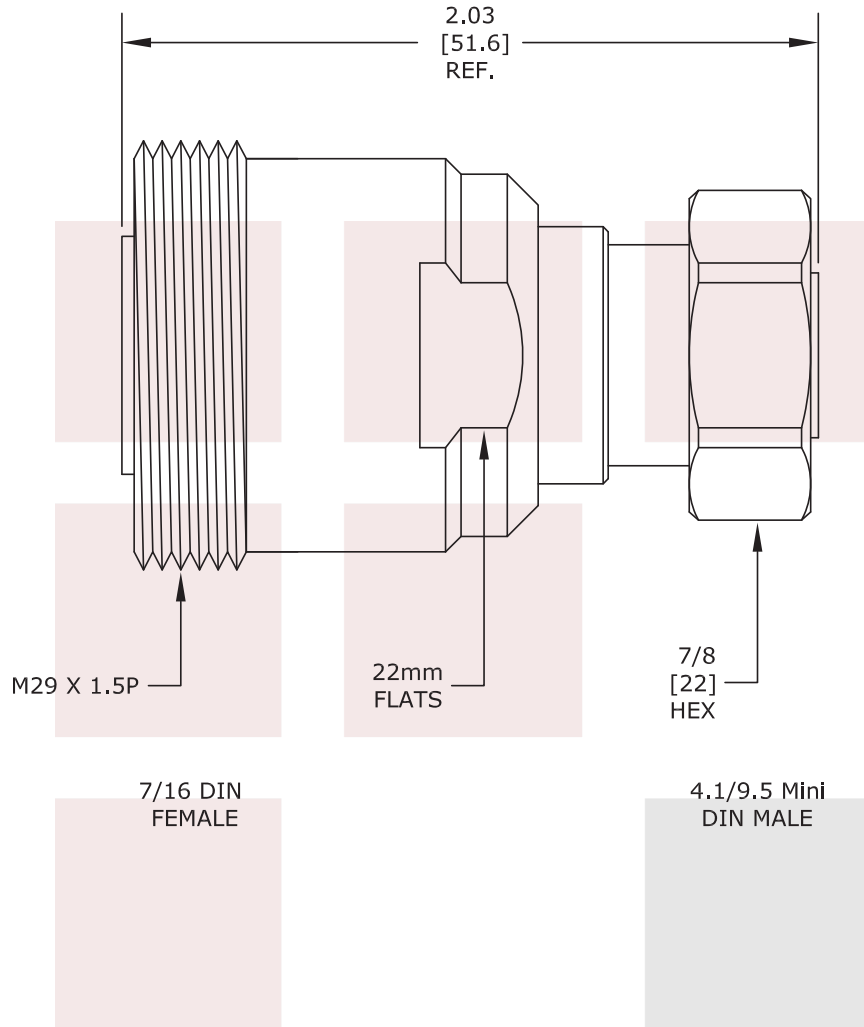


7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter IP67 Mated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter IP67 Mated SM4419](#)

URL: <http://www.fairviewmicrowave.com/7-16-female-4.1-9.5-mini-din-male-adapter-sm4419-p.aspx>

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TITLE 7/16 DIN Female to 4.1/9.5 Mini DIN Male Adapter IP67 Mated		DWG NO SM4419		CAGE CODE 3FKR5	
CAD FILE	061014	SHEET	SCALE	N/A	SIZE A 2233