

**Ruggedized 2.92mm NMD Female to 2.4mm Female Adapter**

**Electrical Specifications**

Frequency Range DC to 40 GHz  
Maximum VSWR 1.35:1

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Range	DC to 7	7 to 18	18 to 30	30 to 40		GHz
VSWR	1.05:1	1.15:1	1.2:1	1.35:1		

**Mechanical Specifications**

**Size**

Length 1.43 in [36.32 mm]  
Width 0.86 in [21.84 mm]

**Connector 1**

Type 2.92mm NMD Female  
Mating Cycles 500  
Inner Conductor Material and Plating Beryllium Copper, Gold  
Inner Conductor Plating Specification 20µ" Minimum  
Outer Conductor Material and Plating Passivated Stainless Steel  
Body Material and Plating Passivated Stainless Steel  
Dielectric Type PSU

**Connector 2**

Type 2.4mm Female  
Inner Conductor Material and Plating Beryllium Copper, Gold  
Inner Conductor Plating Specification 20µ" Minimum  
Outer Conductor Material and Plating Passivated Stainless Steel  
Coupling Nut Material and Plating Passivated Stainless Steel  
Hex Size 3/4 inch  
Body Material and Plating Passivated Stainless Steel  
Dielectric Type PSU

**Environmental Specifications**

**Temperature**

Operating Range -55 to +100 deg C

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant Yes

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

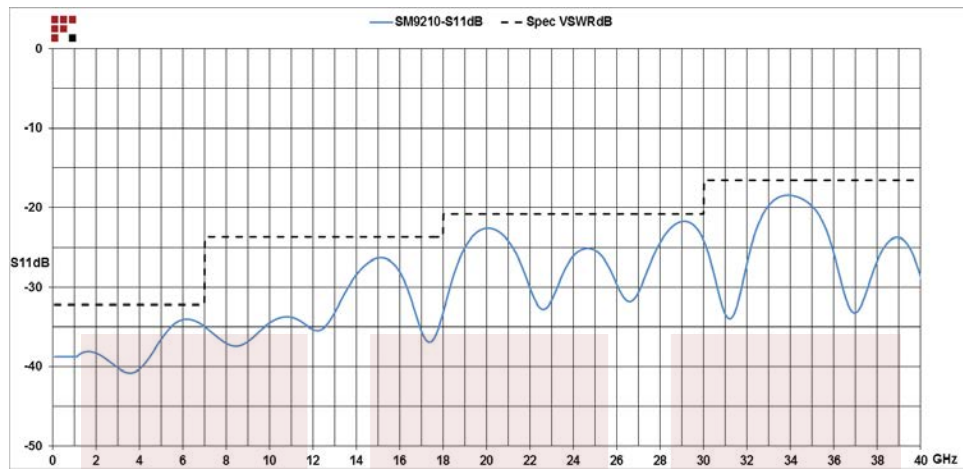


**Features:**

- Connector 1: 2.92mm NMD Female
- Impedance 1: 50 Ohms
- Connector 2: 2.4mm Female
- Impedance 2: 50 Ohms
- Adapter Design: Ruggedized
- Body Style: Straight

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**Typical Performance Data**

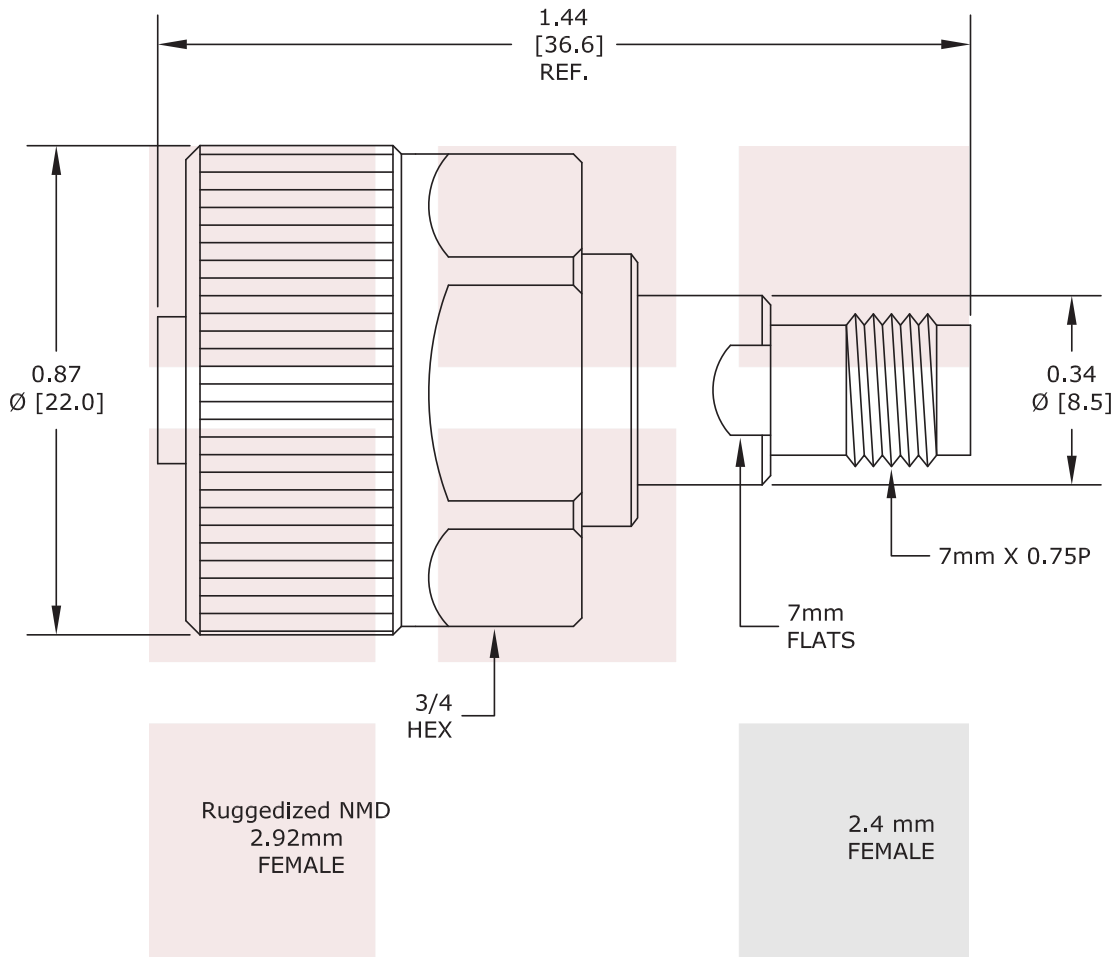


Ruggedized 2.92mm NMD Female to 2.4mm Female Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Ruggedized 2.92mm NMD Female to 2.4mm Female Adapter SM9210](#)

URL: <http://www.fairviewmicrowave.com/ruggedized-2.4mm-nmd-female-2.92mm-female-adapter-sm9210-p.aspx>

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Ruggedized 2.92mm NMD Female to 2.4mm Female Adapter Ruggedized 2.92mm NMD Female To 2.4mm Female Adapter		DWG NO <b>SM9210</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	021114	SHEET	SCALE	N/A	SIZE A 2233