

7/16 DIN Female (Jack) to N Male (Plug) Adapter IP67 UnMated, Tri-Metal Plated Brass Body, 1.25 VSWR

7/16 DIN female to type N male adapter part number SM4474 from Fairview Microwave is in-stock and ships same day. This Fairview 7/16 DIN to type N adapter has a female to male gender configuration. SM4474 7/16 DIN female to type N male adapter operates to 6 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.25:1	

Electrical Specification Notes:
 Values at 25 deg C, sea level

Mechanical Specifications

Size

Length 1.744 in [44.3 mm]
 Weight 0.2235 lbs [101.38 g]

Description	Connector 1	Connector 2
Type	7/16 DIN Female	N Male
Polarity	Standard	Standard
Mating Cycles	500	500
Hex Size		20 mm
Mating Torque		8.85 in-lbs max [1.00 Nm] max



Configuration:

- 7/16 DIN Female Connector 1
- N Male Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.25:1 max up to 6 GHz
- Silver Plated Beryllium Copper Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

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Material Specifications

Description	Connector 1	Connector 2
Type	7/16 DIN Female	N Male
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Silver	Silver
Insulation Material	PTFE	PTFE
Outer Contact Material	Brass	
Outer Contact Plating	Tri-Metal	
Body Material	Brass	Brass
Body Plating	Tri-Metal	Tri-Metal
Gasket Material	Silicone	Silicone
Coupling Nut Material		Brass
Coupling Nut Plating		Tri-Metal

Environmental Specifications

Temperature

Operating Range

-45 to +120 deg C

Humidity

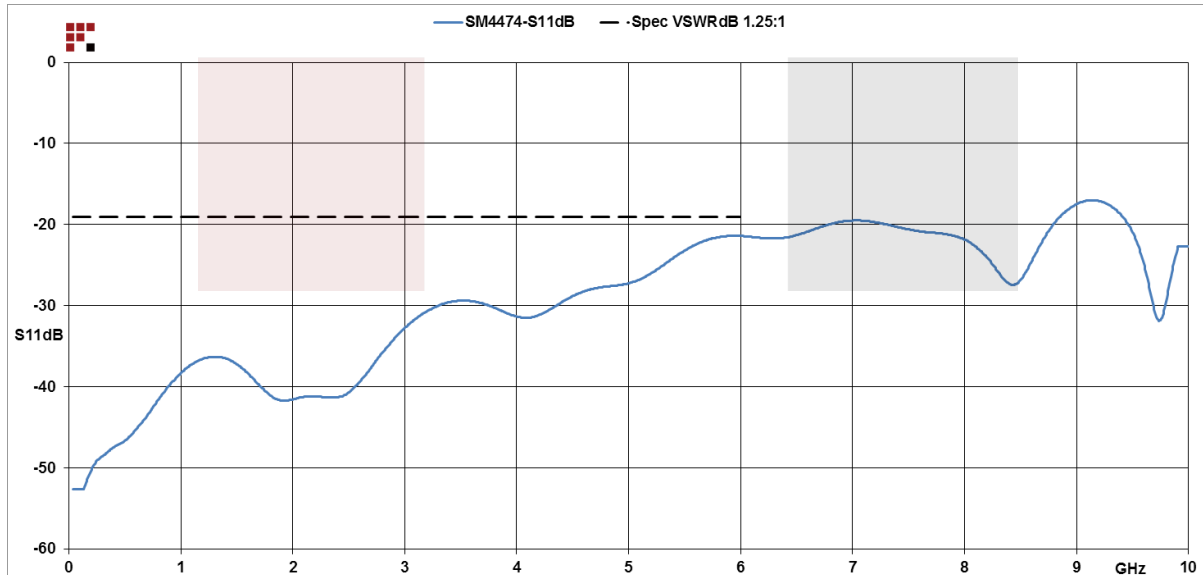
IP67 UnMated

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data



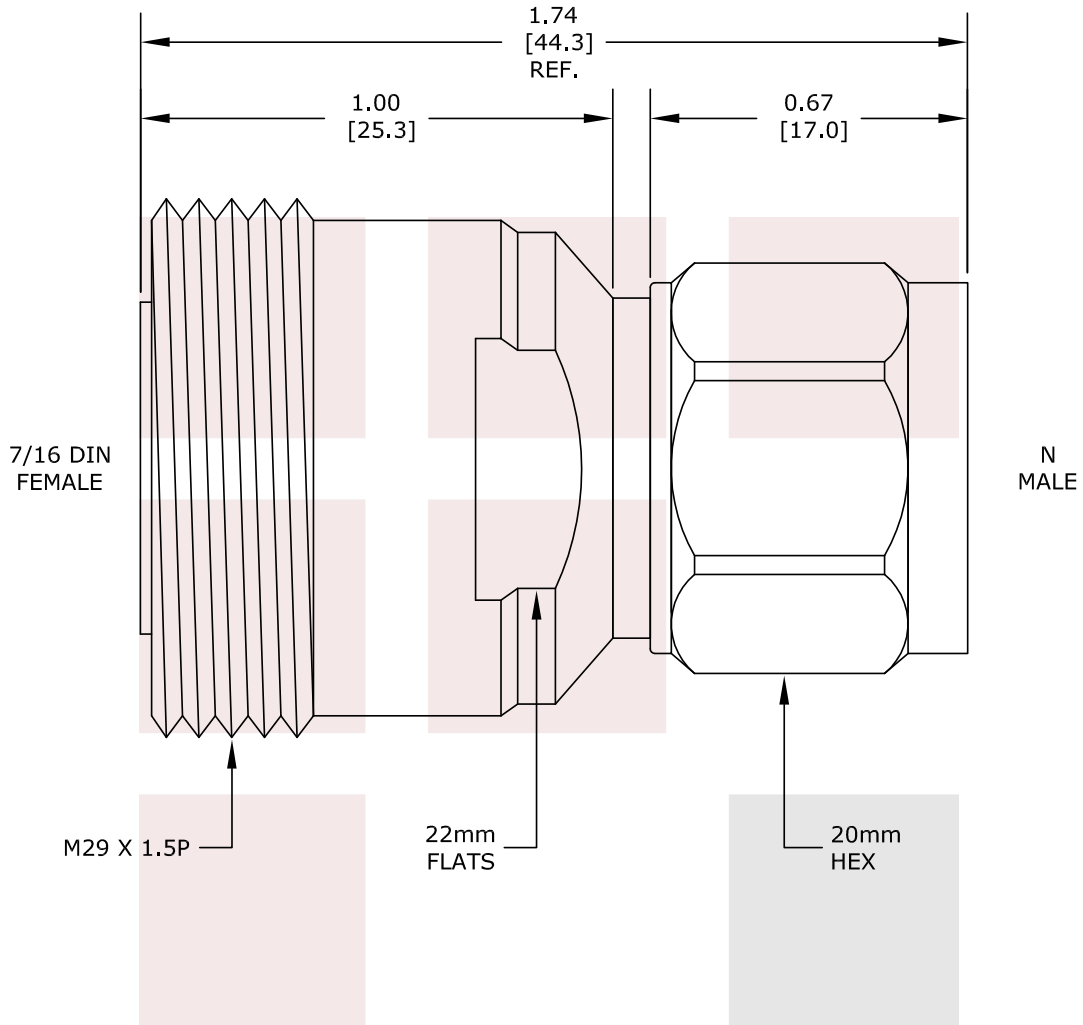
7/16 DIN Female (Jack) to N Male (Plug) Adapter IP67 UnMated, Tri-Metal Plated Brass Body, 1.25 VSWR from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Female \(Jack\) to N Male \(Plug\) Adapter IP67 UnMated, Tri-Metal Plated Brass Body, 1.25 VSWR SM4474](#)

URL: <https://www.fairviewmicrowave.com/7-16-female-n-male-adapter-sm4474-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 (Jack) to N Male (Plug) Adapter IP67 UnMated, Tri-Metal Plated Brass Body, 1.25 VSWR		DWG NO SM4474		CAGE CODE 3FKR5	
CAD FILE	061014	SHEET		SCALE	N/A
				SIZE	A
					2233