

## 7/16 DIN Male (Plug) to HN Female (Jack) Adapter, Nickel Plated Brass Body, High Temp, 1.5 VSWR

7/16 DIN male to HN female adapter part number SM4641 from Fairview Microwave is in-stock and ships same day. This Fairview 7/16 DIN to HN adapter has a male to female gender configuration. SM4641 7/16 DIN male to HN female adapter operates to 4 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.5:1 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		4	GHz
VSWR			1.5:1	
Operating Voltage (AC)			1,500	Vrms
DWV (AC)			4,000	Vrms
Insulation Resistance	5,000			MOhms

### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 4				GHz
VSWR, Max	1.2:1	1.5:1				

Electrical Specification Notes:  
 Value at 25° C, sea level

### Mechanical Specifications

<b>Size</b>	
Length	1.72 in [43.69 mm]
Width	1.25 in [31.75 mm]
Height	1.25 in [31.75 mm]
Weight	0.26 lbs [117.93 g]

Description	Connector 1	Connector 2
Type	7/16 DIN Male	HN Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Mating Cycles, Min	500	500
Hex Size	1 1/4 Inch	
Mating Torque	221 in-lbs max [24.97 Nm] max	



### Configuration:

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

### Features:

- VSWR of 1.5:1 max up to 4 GHz
- 7/16 DIN interface meets MIL-STD-348
- HN interface meets MIL-STD-348
- Gold Plated Beryllium Copper Contact

### Applications:

- Enables Between Series Connections
- General Purpose Test

Fairview Microwave  
 301 Leora Ln., Suite 100  
 Lewisville, TX 75056  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Material Specifications**

Description	Connector 1	Connector 2
Type	7/16 DIN Male	HN Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Insulation Material	PTFE	PTFE
Outer Contact Material		Brass
Outer Contact Plating		Nickel
Body Material	Brass	Brass
Body Plating	Nickel	Nickel
Gasket Material	Rubber	Rubber
Coupling Nut Material	Brass	
Coupling Nut Plating	Nickel	

**Environmental Specifications**

**Temperature**

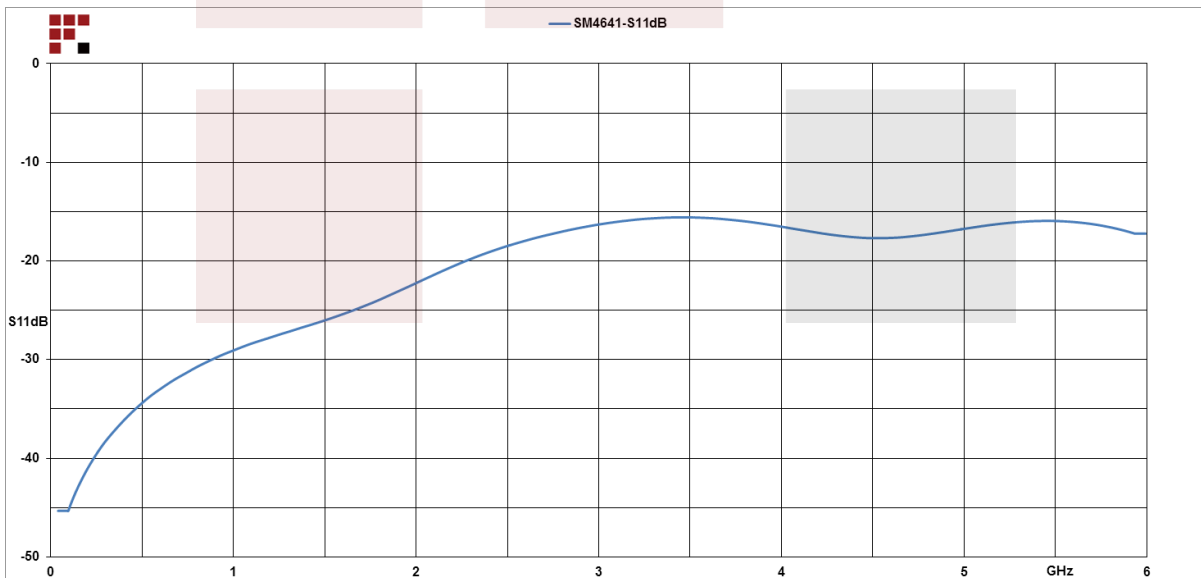
Operating Range -65 to +165 deg C

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**



7/16 DIN Male (Plug) to HN Female (Jack) Adapter, Nickel Plated Brass Body, High Temp, 1.5 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 Male \(Plug\) to HN Female \(Jack\) Adapter, Nickel Plated Brass Body, High Temp, 1.5 VSWR SM4641](#)

URL: <https://www.fairviewmicrowave.com/7-16-male-hn-female-adapter-sm4641-p.aspx>

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