

## N Male to UHF Female Adapter

Type N male to UHF female adapter part number SM2143 from Fairview Microwave is in-stock and ships same day. This Fairview type N to UHF adapter has a male to female gender configuration. SM2143 type N male to UHF female adapter operates to 300 MHz. 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		300	MHz
VSWR			1.25:1	
DWV (AC)			335	Vrms

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

### Mechanical Specifications

Size	
Length	1.281 in [32.54 mm]
Width	0.827 in [21.01 mm]
Weight	0.08885 lbs [40.3 g]

Description	Connector 1	Connector 2
Type	N Male	UHF Female
Polarity	Standard	Standard



### Configuration:

- N Male Connector 1
- UHF Female Connector 2
- 50 Ohm
- Straight Body Geometry

### Features:

- VSWR of 1.25:1 max up to 300 MHz
- 3 µin minimum contact plating
- Gold Plated Brass Contact

### Applications:

- Enables Between Series Connections
- General Purpose Test

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**Material Specifications**

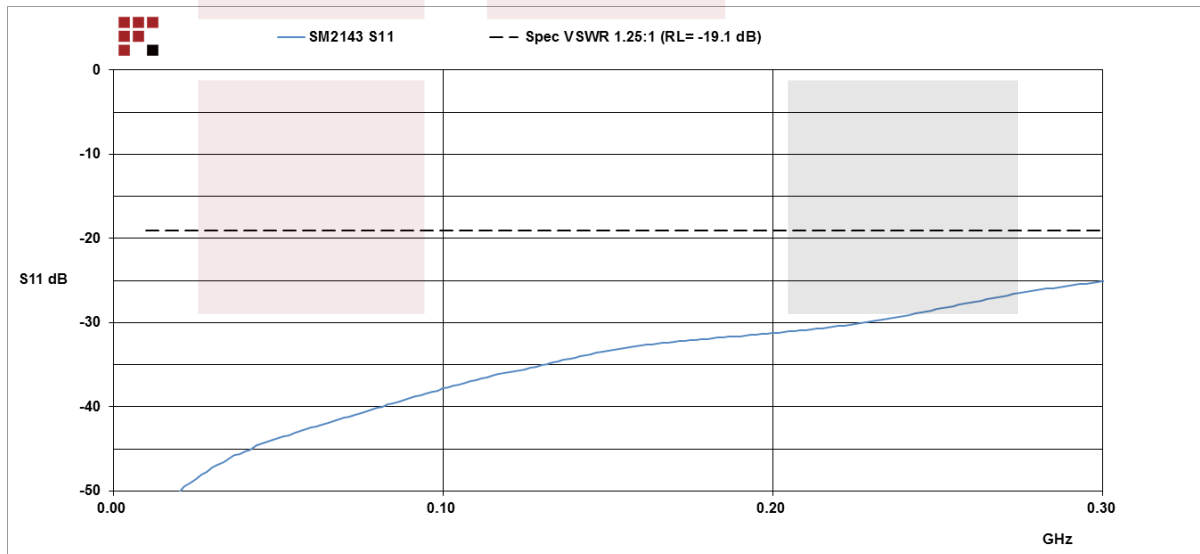
Description	Connector 1	Connector 2
Type	N Male	UHF Female
Contact Material	Brass	Brass
Contact Plating	Gold	Gold
Contact Plating Spec.	3 µin minimum	3 µin minimum
Insulation Material	PTFE	PTFE
Outer Contact Material		Brass
Outer Contact Plating		Silver
Outer Conductor Contact Spec.		30 µin minimum
Body Material	Brass	Brass
Body Plating	Silver	Silver
Body Plating Spec.	30 µin minimum	30 µin minimum
Gasket Material	Brass	
Coupling Nut Material	Brass	
Coupling Nut Plating	Silver	
Coupling Nut Plating Spec.	30 µin minimum	

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**

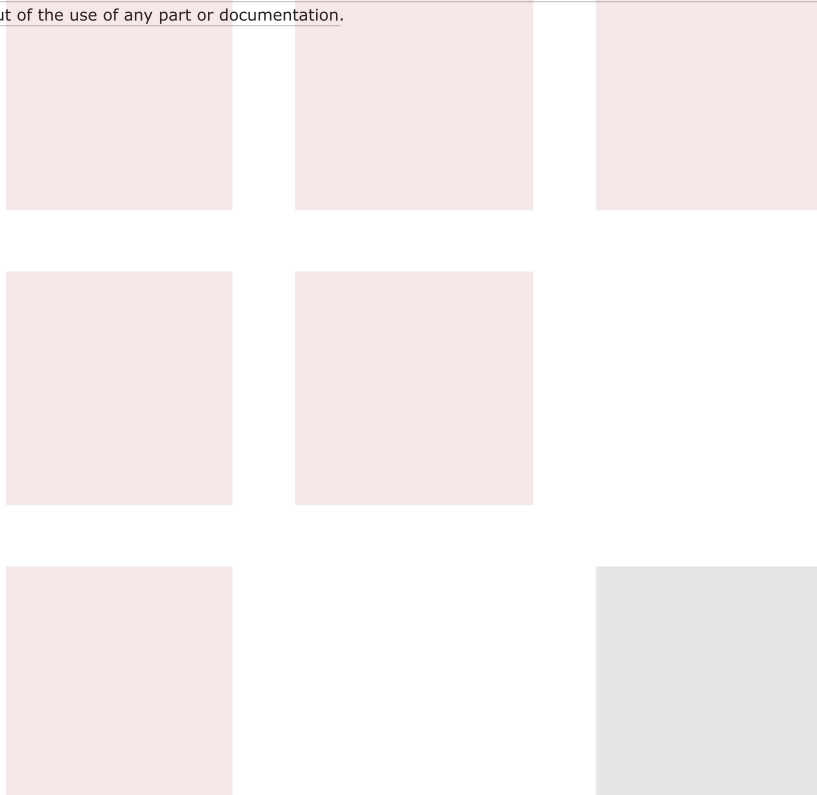


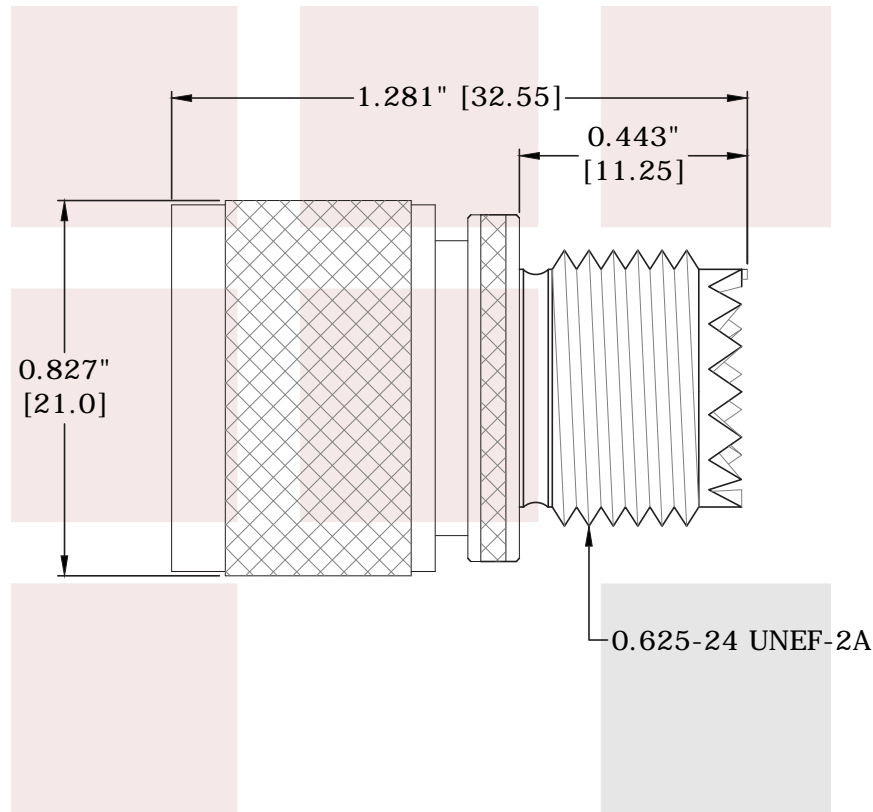
N Male to UHF Female Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male to UHF Female Adapter SM2143](#)

URL: <https://www.fairviewmicrowave.com/n-male-mini-uhf-female-adapter-sm2143-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 N Male to UHF Female Adapter		DWG NO <b>SM2143</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	020916	SHEET	SCALE	N/A	SIZE A 5568