

**Radius RA SMA Male to SMA Female Adapter Gold Plated**

**Configuration**

Connector 1	SMA Male
Connector 2	SMA Female
Impedance	50 Ohms
Body Style	Radius Right Angle



**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.3:1	
Operating Voltage (DC)			335	Vdc
Dielectric Withstanding Voltage (AC)			1,500	Vrms

**Mechanical Specifications**

Width 0.312 in [7.92 mm]

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Mating Cycles	500	500
Hex Size	5/16 Inch	
Mating Torque, Max	8 in-lbs [0.9 Nm]	

**Material Specifications**

Description	Connector 1	Connector 2
Type	SMA Male	SMA Female
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	ASTM B-488	ASTM B-488
Insulation Material	PTFE	PTFE
Outer Contact Material and Plating		Stainless Steel, Gold
Outer Conductor Contact Specification		ASTM B-488
Body Material and Plating	Stainless Steel, Gold	Stainless Steel, Gold
Body Plating Specification	ASTM B-488	ASTM B-488
Coupling Nut Material and Plating	Stainless Steel, Gold	
Coupling Nut Plating Specification	ASTM B-488	

**Environmental Specifications**

**Temperature**  
 Operating Range -65 to 165 deg C

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

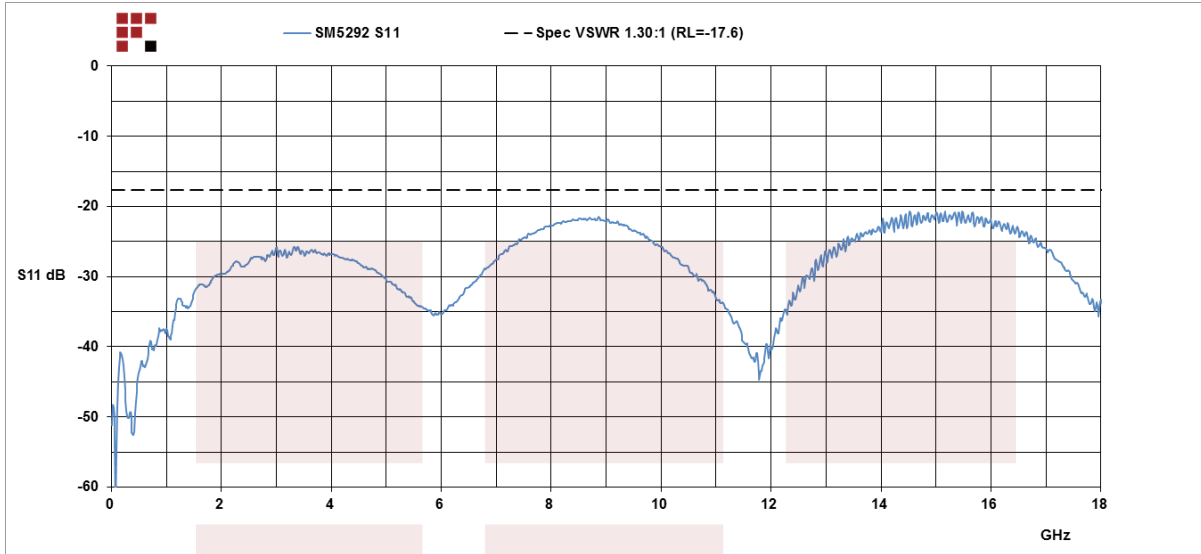
RoHS Compliant

Fairview Microwave  
 1130 Junction Dr. #100  
 Allen, TX 75013  
 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)

**Plotted and Other Data**

Notes:

**Typical Performance Data**

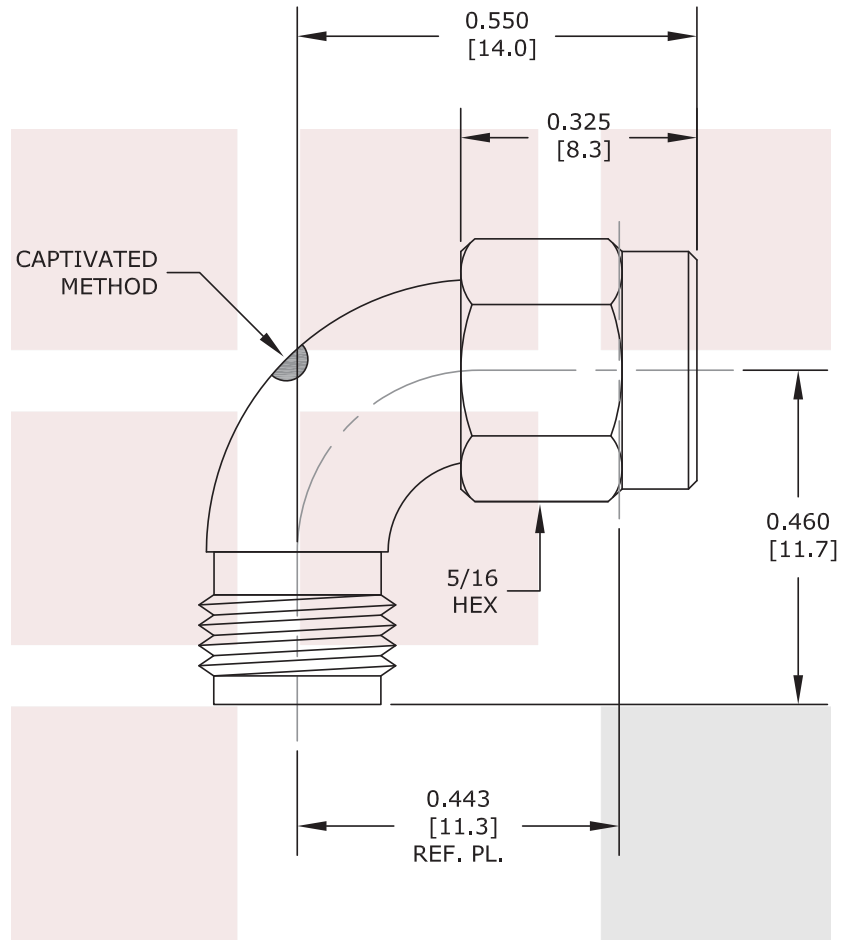


Radius RA SMA Male to SMA Female Adapter Gold Plated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Radius RA SMA Male to SMA Female Adapter Gold Plated SM5292](#)

URL: <http://www.fairviewmicrowave.com/radius-ra-sma-male-sma-female-adapter-sm5292-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.



<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE Radius RA SMA Male to SMA Female Adapter Gold Plated	DWG NO	SM5292		CAGE CODE 3FKR5	
	CAD FILE	022014	SHEET	SCALE	N/A SIZE A 2233