

SMA Female to SMA Female Rotary Joint Dual Flat

Electrical Specifications

Frequency Range	DC to 18 GHz
Max VSWR	1.4:1
Max Insertion Loss	0.6 dB
Max Input Power	200 Watts
Max Peak Power	3 KWatts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 18					GHz
VSWR	1.4:1					
Rotational Variation	0.03:1					
Insertion Loss	0.6					dB
Rotational Variation	0.1					dB



Features:

- Connector 1: SMA Female
- Impedance 1: 50 Ohms
- Connector 2: SMA Female
- Impedance 2: 50 Ohms
- Adapter Design: Standard
- Body Style: Straight
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Mechanical Specifications

Size

Length	1 in [25.4 mm]
Width	0.56 in [14.22 mm]
Weight	0.01631 lbs [7.4 g]
Color	Silver

Connector 1

Type	SMA Female
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Hex Size	5/16
Torque	8 in-lbs [0.9 Nm]
Body Material and Plating	Stainless Steel, Passivated
Dielectric Type	PTFE

Connector 2

Type	SMA Female
Mating Cycles	500
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Stainless Steel, Passivated
Dielectric Type	PTFE

Environmental Specifications

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
REACH Compliant	06/16/2014

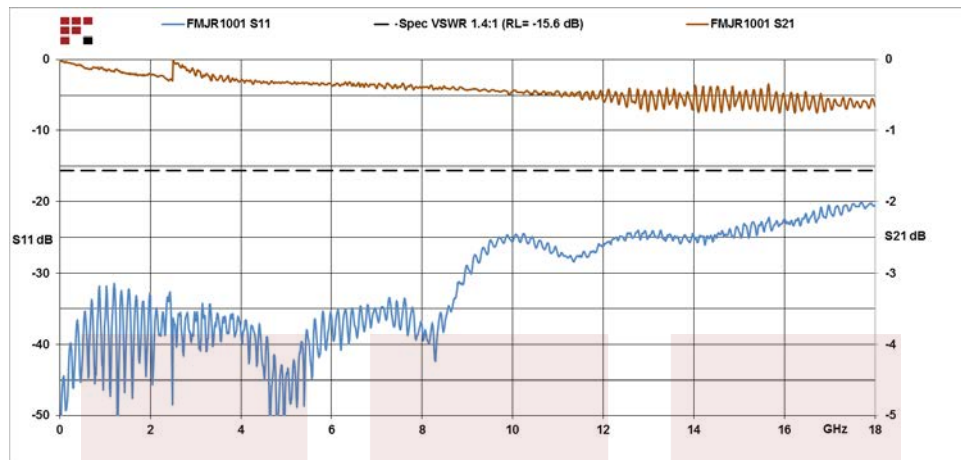
Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Fairview Microwave
1130 Junction Dr. #100
Allen, TX 75013
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Typical Performance Data

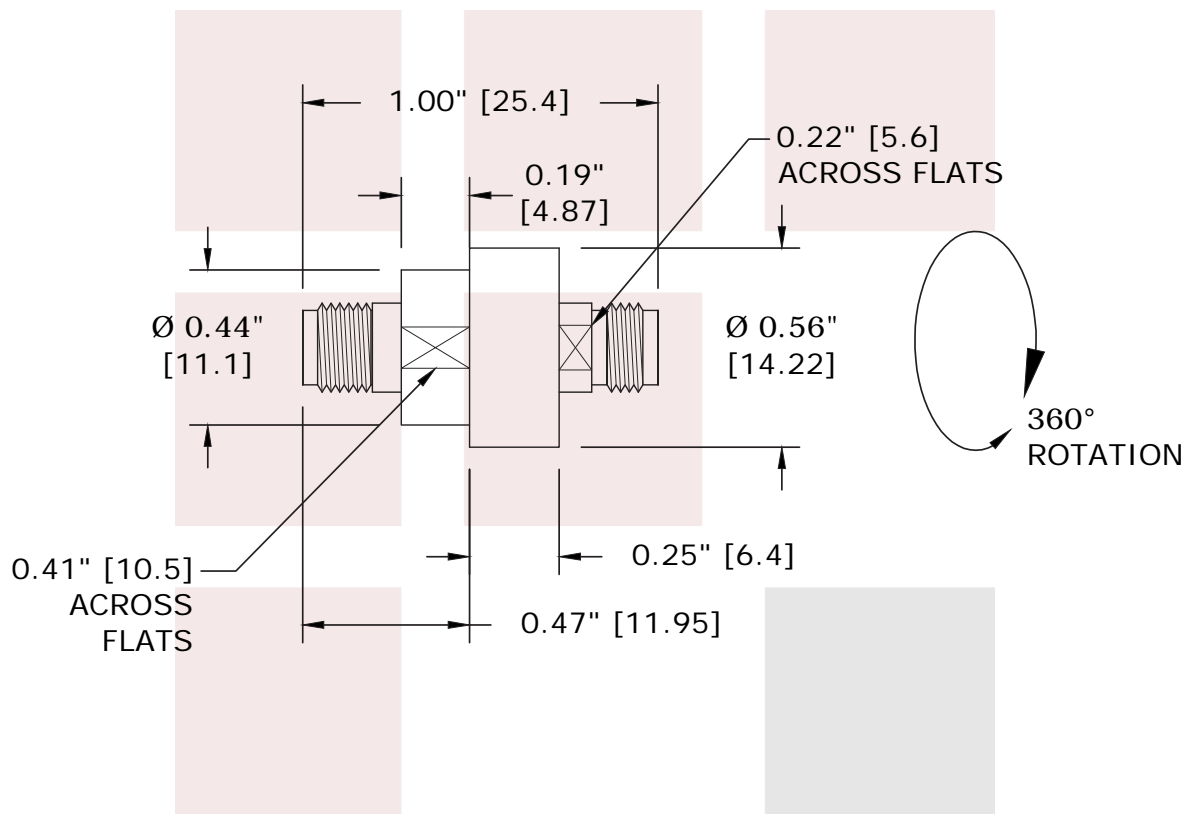


SMA Female to SMA Female Rotary Joint Dual Flat from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Female to SMA Female Rotary Joint Dual Flat FMRJ1001](http://www.fairviewmicrowave.com/sma-female-to-sma-female-rotary-joint-fmrj1001-p.aspx)

URL: <http://www.fairviewmicrowave.com/sma-female-to-sma-female-rotary-joint-fmrj1001-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.



FAIRVIEW MICROWAVE INC.

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
SMA Female to SMA Female Rotary Joint Dual Flat

DWG NO
FMRJ1001

CAGE CODE
3FKR5

CAD FILE 011415 SHEET

SCALE N/A SIZE A 5568