

**Isolator SMA Female With 13 dB Isolation From  
 2 GHz to 6 GHz Rated to 20 Watts**
**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	2		6	GHz
Impedance		50		Ohms
Insertion Loss			0.8	dB
Isolation	14			dB
VSWR			1.5:1	
Forward Power, CW			20	Watts
Forward Power, Peak			30	Watts
Reverse Power, CW			2	Watts


**Mechanical Specifications**
**Size**

Length	1.58 in [40.13 mm]
Width	1.62 in [41.15 mm]
Height	0.7 in [17.78 mm]
Weight	0.209 lbs [94.8 g]

**Configuration**

Design	Single Junction
Package Style	Connectorized
Connector 1	SMA Female
Connector 2	SMA Female

**Environmental Specifications**
**Temperature**

Operating Range	0 to +50 deg C
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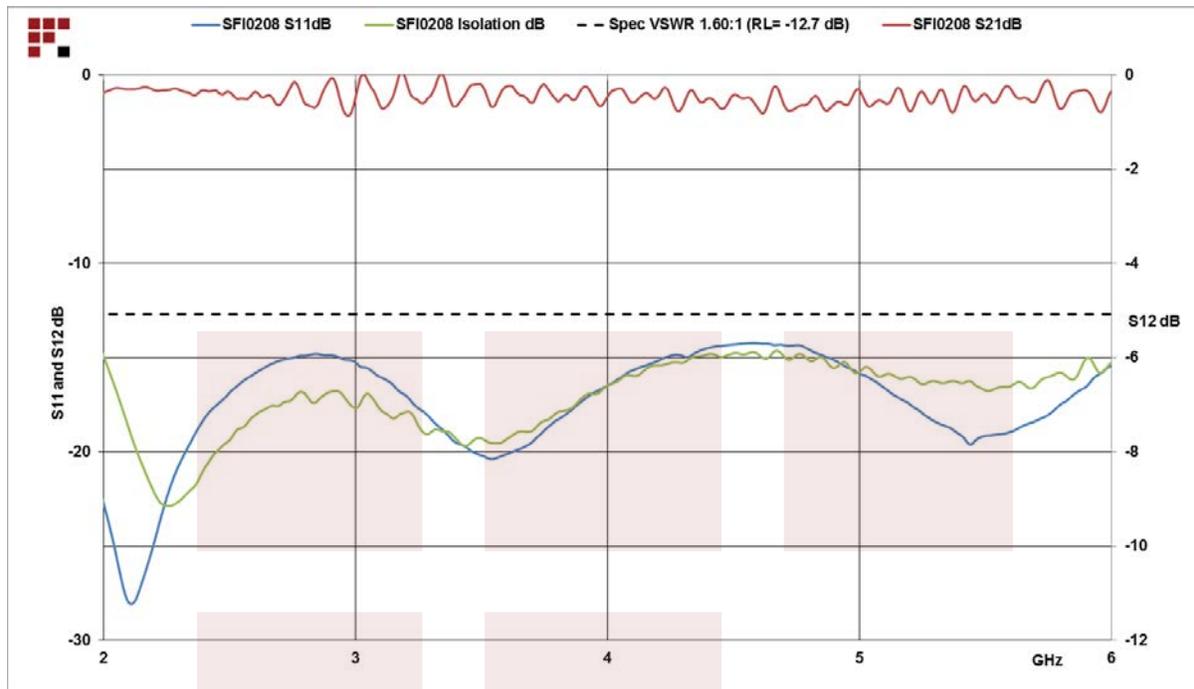
**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

Fairview Microwave  
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**Typical Performance Data**



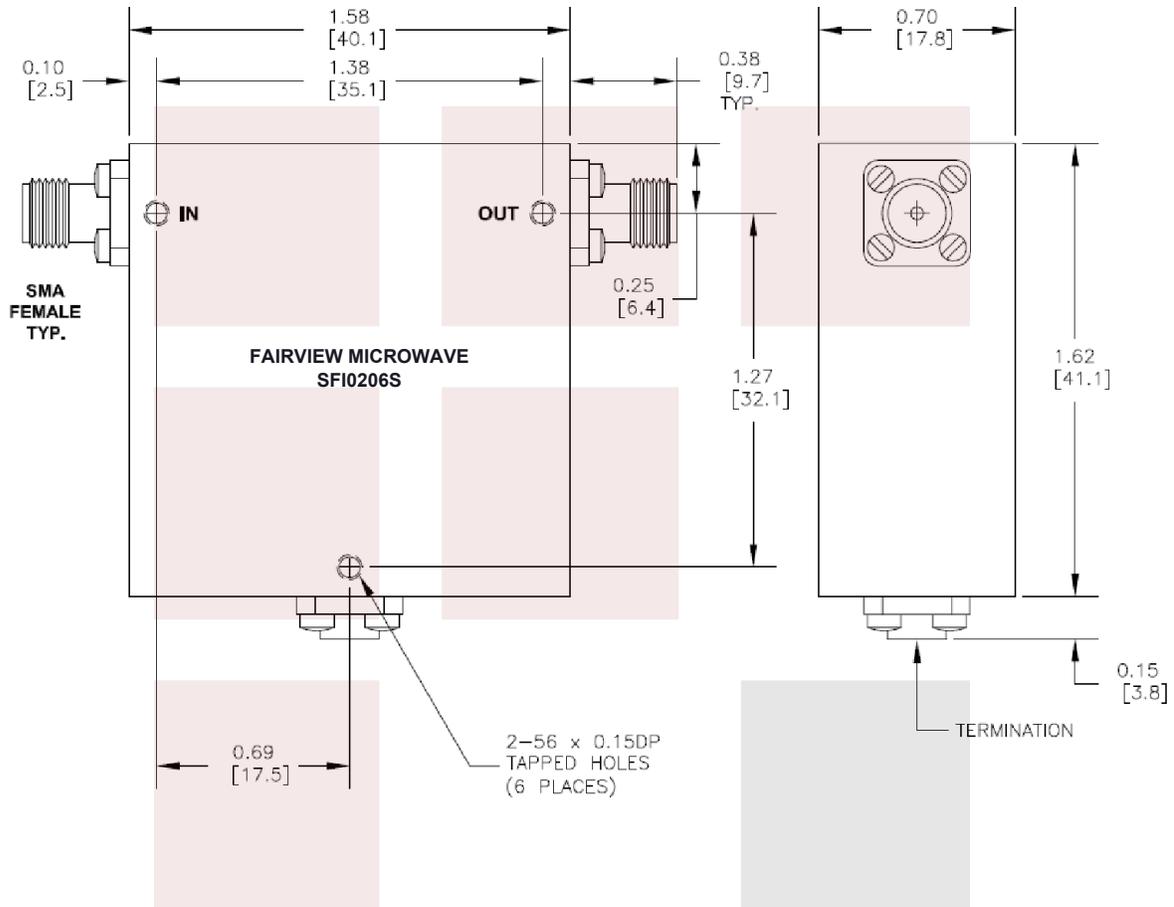
Isolator SMA Female With 13 dB Isolation From 2 GHz to 6 GHz Rated to 20 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Isolator SMA Female With 13 dB Isolation From 2 GHz to 6 GHz Rated to 20 Watts SFI0206S](https://www.fairviewmicrowave.com/sma-isolator-14-db-isolation-2-6-ghz-25-watts-sfi0206s-p.aspx)

URL: <https://www.fairviewmicrowave.com/sma-isolator-14-db-isolation-2-6-ghz-25-watts-sfi0206s-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.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/22/2021	T. GALLA



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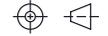
TITLE  
Isolator SMA Female With 13 dB Isolation From 2 GHz to 6 GHz Rated to 20 Watts

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [.13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
		300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.DANG	ITEM NO. SFI0206S	REV A
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T-Rev.D