

SMA Circulator With 13 dB Isolation From 8 GHz to 18 GHz And 10 Watts

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	8		18	GHz
Impedance		50		Ohms
Insertion Loss			1.5	dB
Isolation	13			dB
VSWR			1.55:1	
Forward Power, CW			10	Watts
Reverse Power, CW			2	Watts

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

Mechanical Specifications

Size

Length	1.25 in [31.75 mm]
Width	0.5 in [12.7 mm]
Height	1.01 in [25.65 mm]
Weight	0.04233 lbs [19.2 g]
Body Material and Plating	Aluminum

Configuration

Connector 1	SMA Female
Connector 2	SMA Female
Connector 3	SMA Female

Environmental Specifications

Temperature

Operating Range	-20 to +60 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

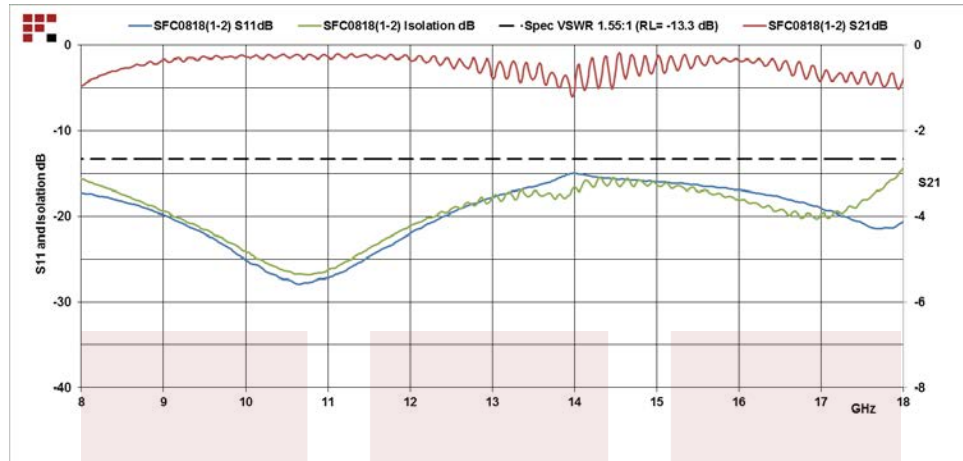
Notes:

- Values at 25°C, sea level.



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Typical Performance Data

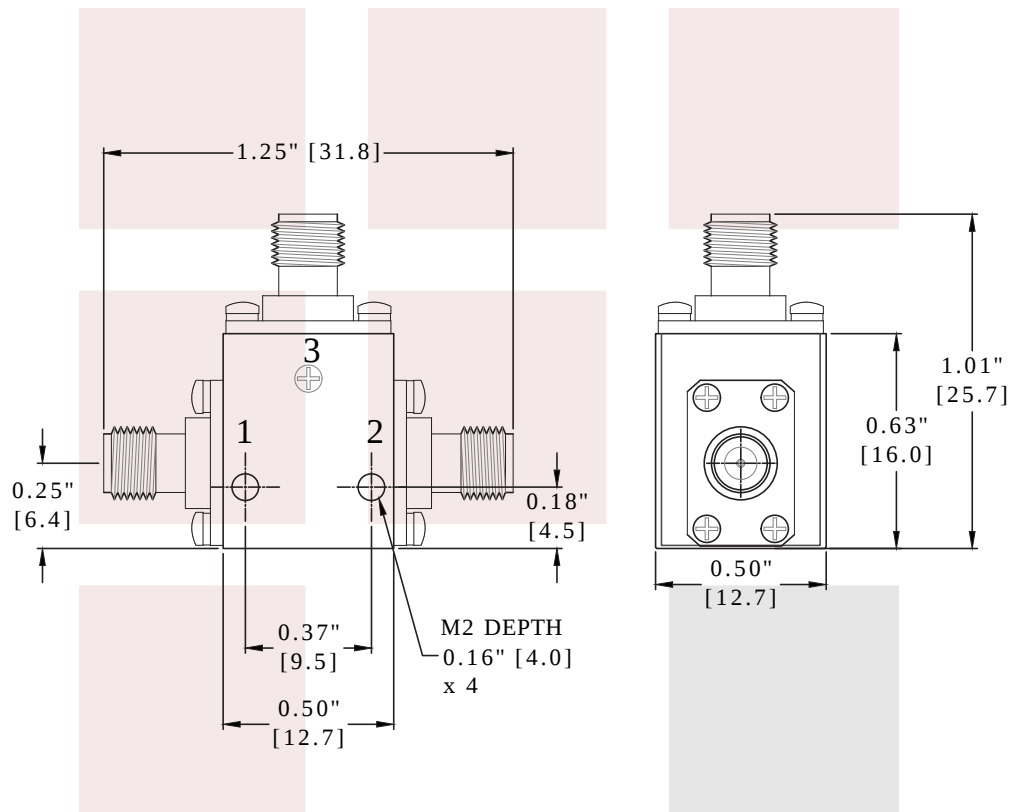


SMA Circulator With 13 dB Isolation From 8 GHz to 18 GHz And 10 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Circulator With 13 dB Isolation From 8 GHz to 18 GHz And 10 Watts SFC0818](http://www.fairviewmicrowave.com/sma-circulator-14-db-isolation-8-18-ghz-sfc0818-p.aspx)

URL: <http://www.fairviewmicrowave.com/sma-circulator-14-db-isolation-8-18-ghz-sfc0818-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
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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].

DWG NO	SFC0818	CAGE CODE	3FKR5
CAD FILE	012216	SHEET	SCALE N/A
		SIZE A	5568