

SMA Circulator With 18 dB Isolation From 7 GHz to 12.4 GHz And 10 Watts

Electrical Specifications



Description	Min	Typ	Max	Units
Frequency Range	7		12.4	GHz
Impedance		50		Ohms
Insertion Loss			0.75	dB
Isolation	18			dB
VSWR			1.3:1	
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	0.748 in [19 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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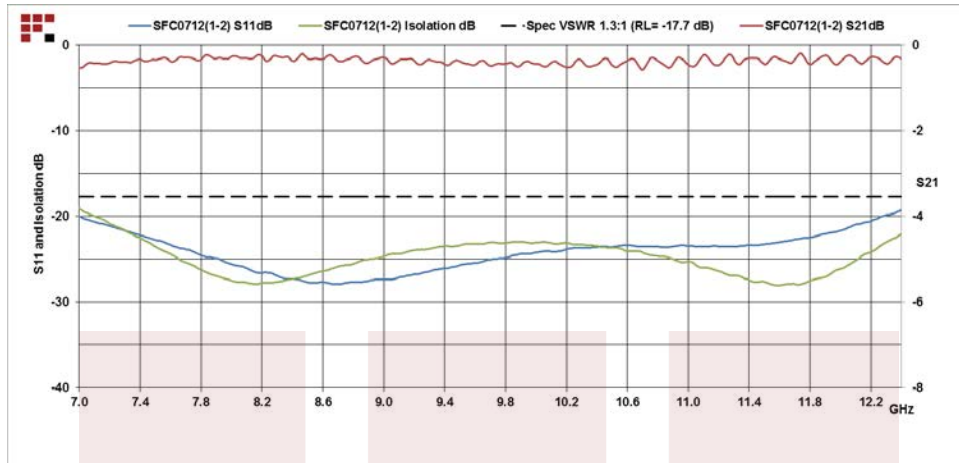
Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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Typical Performance Data

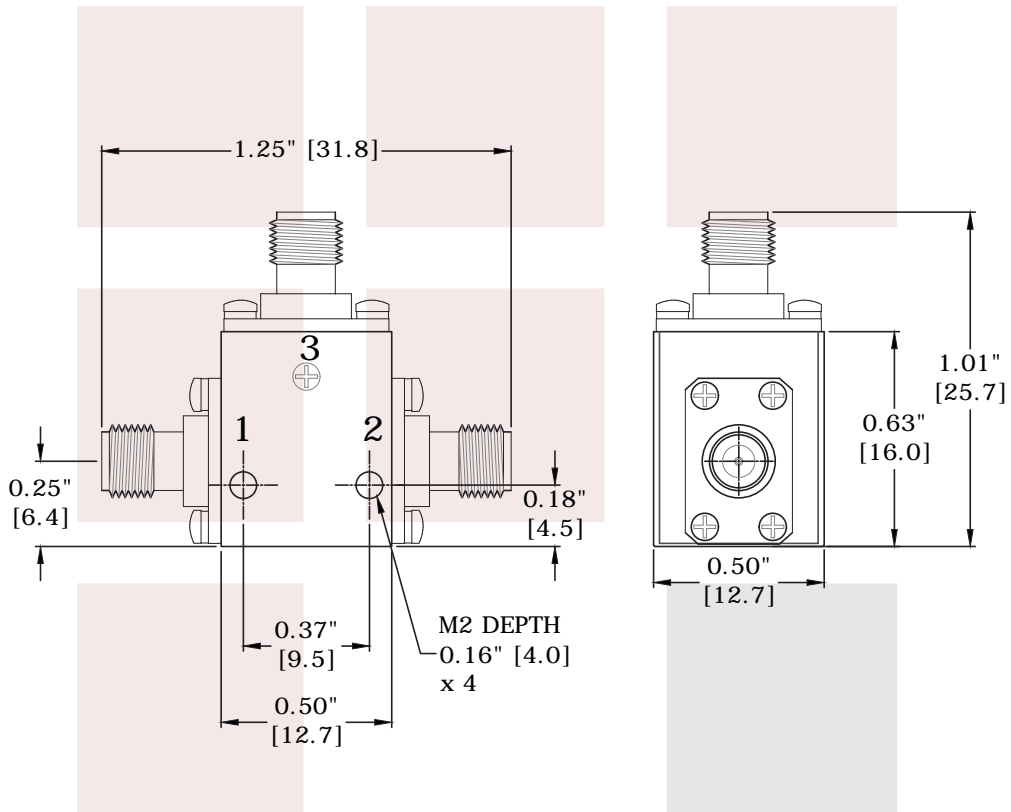


SMA Circulator With 18 dB Isolation From 7 GHz to 12.4 GHz And 10 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Circulator With 18 dB Isolation From 7 GHz to 12.4 GHz And 10 Watts SFC0712](#)

URL: <http://www.fairviewmicrowave.com/sma-circulator-18-db-isolation-7-12.4-ghz-sfc0712-p.aspx>

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TITLE SMA Circulator With 18 dB Isolation From 7 GHz to 12.4 GHz And 10 Watts		DWG NO SFC0712		CAGE CODE 3FKR5	
CAD FILE	011415	SHEET	SCALE	N/A	SIZE A 5568