

3 Way Power Divider SMA Connectors Resistive From DC to 3 GHz Rated at 1 Watts

Fairview Microwave carries a wide selection of power dividers to fit your needs. These components are essential in many systems, allowing the combination of multiple signals or splitting of a single signal into multiple signals with equal magnitude and phase. Fairview Microwave's resistive and Wilkinson power dividers come with excellent performance featuring minimal loss, high isolation and low VSWR. They are available in both narrow and broad bandwidths with a variety of connector types such as 2.92mm, BNC, N and SMA.

The MPR03-3 is a 3 way resistive power divider that operates from DC to 3 GHz can handle up to 1 Watt (CW) with 9.5 dB typ insertion loss. The package interface uses SMA female connectors and is REACH and RoHS compliant.



Features:

- 3-Way Power Divider
- Resistive Design
- DC to 3 GHz Frequency Range
- Max Power 1 Watt (CW)
- Insertion Loss 9.5 dB Typ

Applications:

- Test and Measurement
- Military Communications
- Commercial Communications
- Wireless Communications
- SATCOM

Electrical Specifications

Design	Resistive			
Number of Output Ports	3			
Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Input VSWR			1.3:1	
Insertion Loss		9.5		dB
Amplitude Balance		0.3		dB
Input Power (CW)			1	Watts

Electrical Specification Notes:
 Insertion loss includes splitting loss.

Mechanical Specifications

Size	
Length	1.5 in [38.1 mm]
Width	1.3 in [33.02 mm]
Height	0.65 in [16.51 mm]
Weight	0.09 lbs [40.82 g]
Housing Material and Plating	Aluminum

Configuration

Package Type	Connectorized
Input Connector	SMA Female
Output Connectors	SMA Female

Environmental Specifications

Temperature	
Operating Range	0 to +70 deg C
Storage Range	-55 to +120 deg C

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

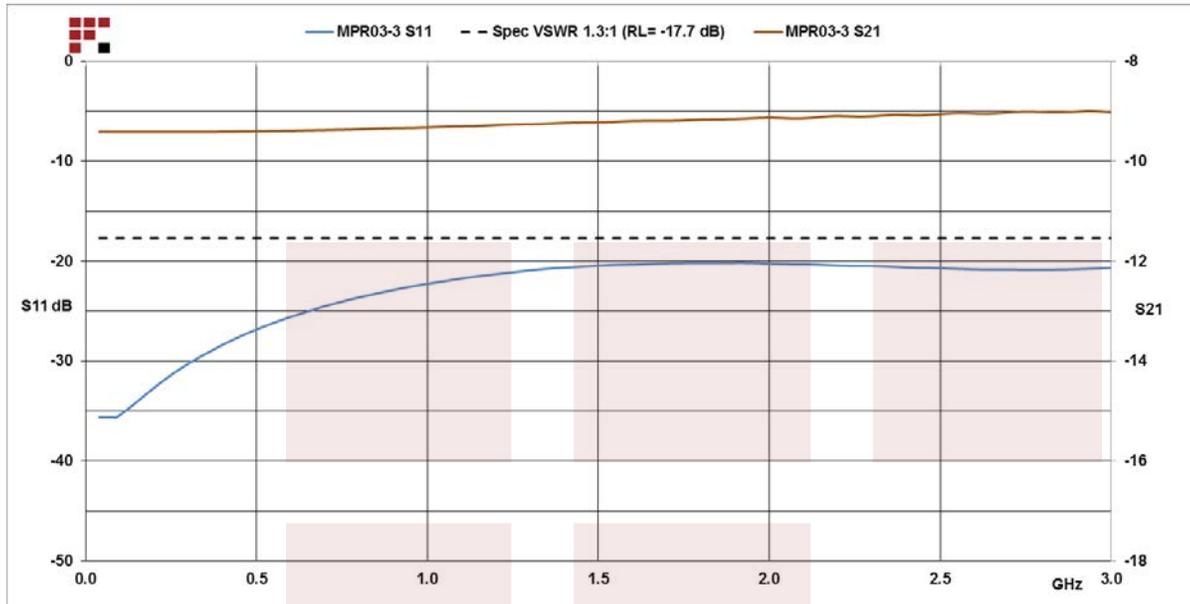
RoHS Compliant	Yes
REACH Compliant	12/17/2015

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Plotted and Other Data

Notes:

Typical Performance Data

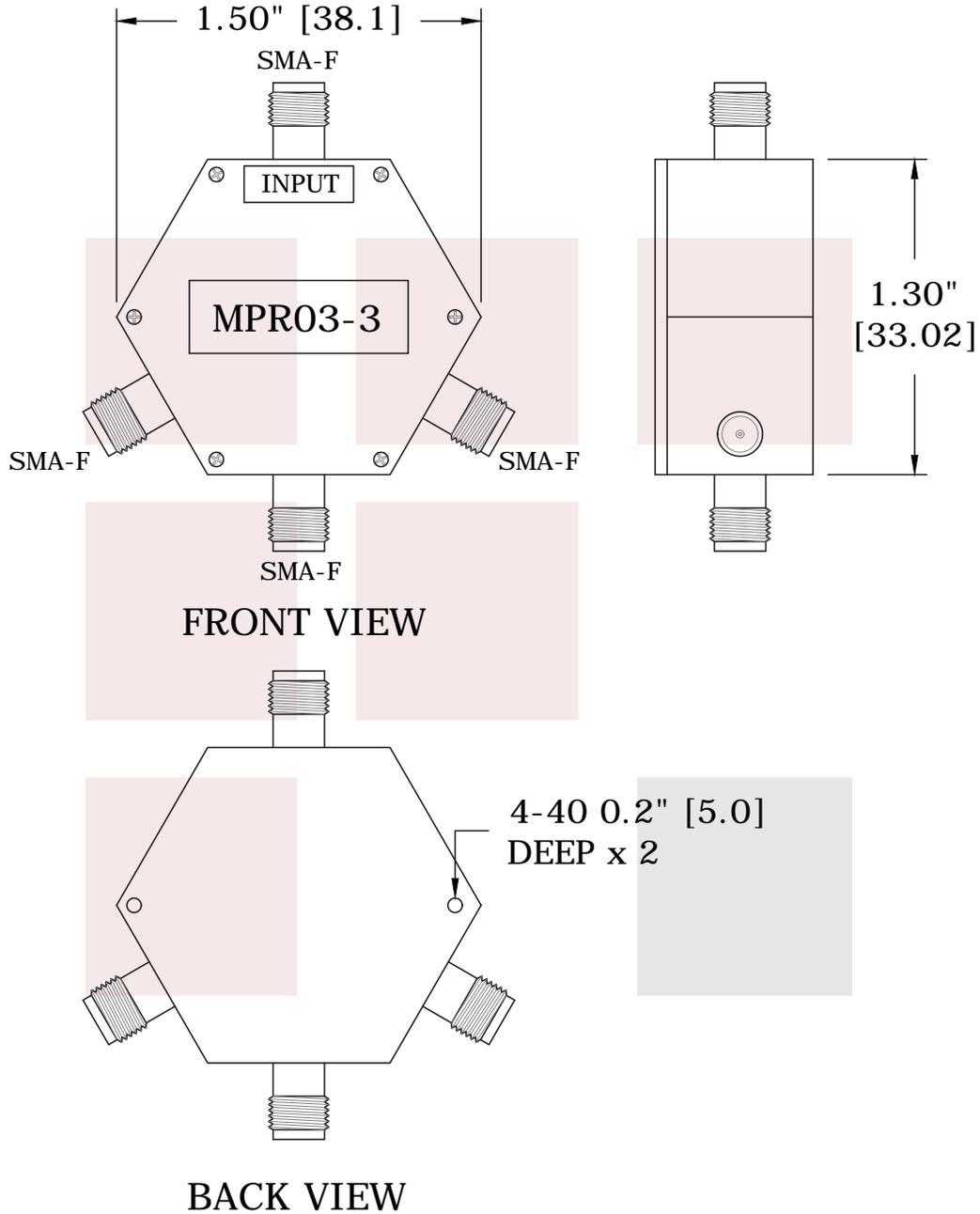


3 Way Power Divider SMA Connectors Resistive From DC to 3 GHz Rated at 1 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [3 Way Power Divider SMA Connectors Resistive From DC to 3 GHz Rated at 1 Watts MPR03-3](#)

URL: <http://www.fairviewmicrowave.com/3-way-power-divider-sma-resistive-3-ghz-1-watts-mpr03-3-p.aspx>

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TITLE 3 Way Power Divider SMA Connectors Resistive From DC to 3 GHz Rated at 1 Watts		DWG NO MPR03-3		CAGE CODE 3FKR5	
		CAD FILE 011415	SHEET	SCALE N/A	SIZE A