

2 Way Power Divider SMA Connectors Resistive From DC to 4 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 reactive 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.

The MPR03-2 is a 2 way resistive power divider that operates from DC to 4 GHz and can handle up to 1 Watts (CW). This SMA power divider offers 6.75 dB max insertion loss and 1.3:1 max VSWR. The package interface uses SMA inputs on all of the ports.

Electrical Specifications

Design: Resistive
 Number of Output Ports: 2

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
Input VSWR			1.3:1	
Output VSWR			1.3:1	
Insertion Loss			6.75	dB
Amplitude Balance			±0.3	dB
Input Power (CW)			1	Watts

Electrical Specification Notes:
 Values at +25°C, sea level.
 Insertion loss includes 6dB theoretical 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: 0.0925 lbs [41.96 g]

Configuration
 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



Features:

- 2-Way Power Divider
- Resistive Design
- DC to 4 GHz Frequency Range
- Max Power 1W (CW)

Applications:

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

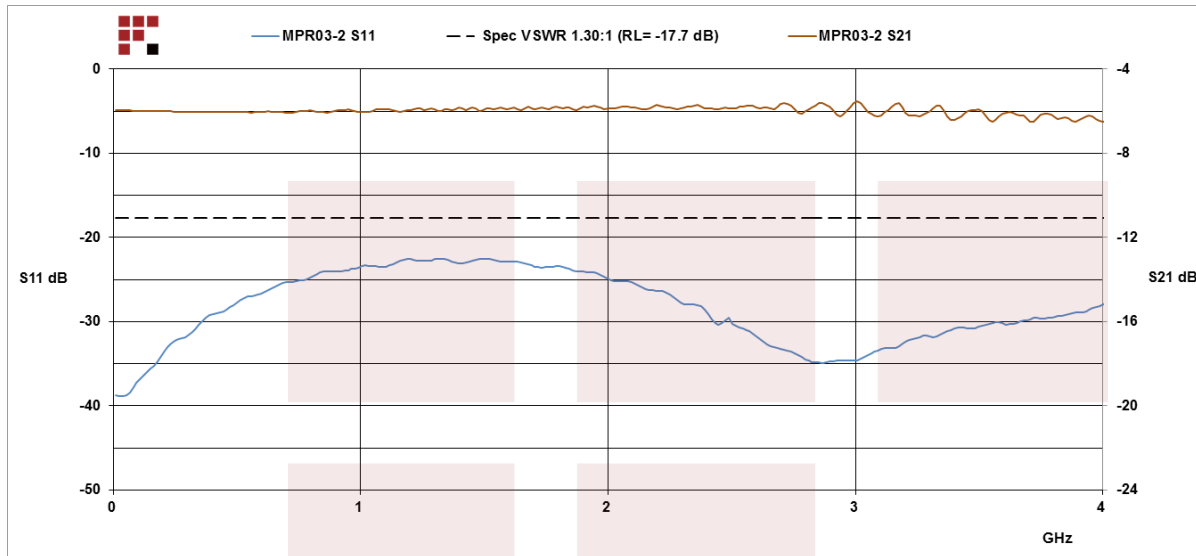
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data

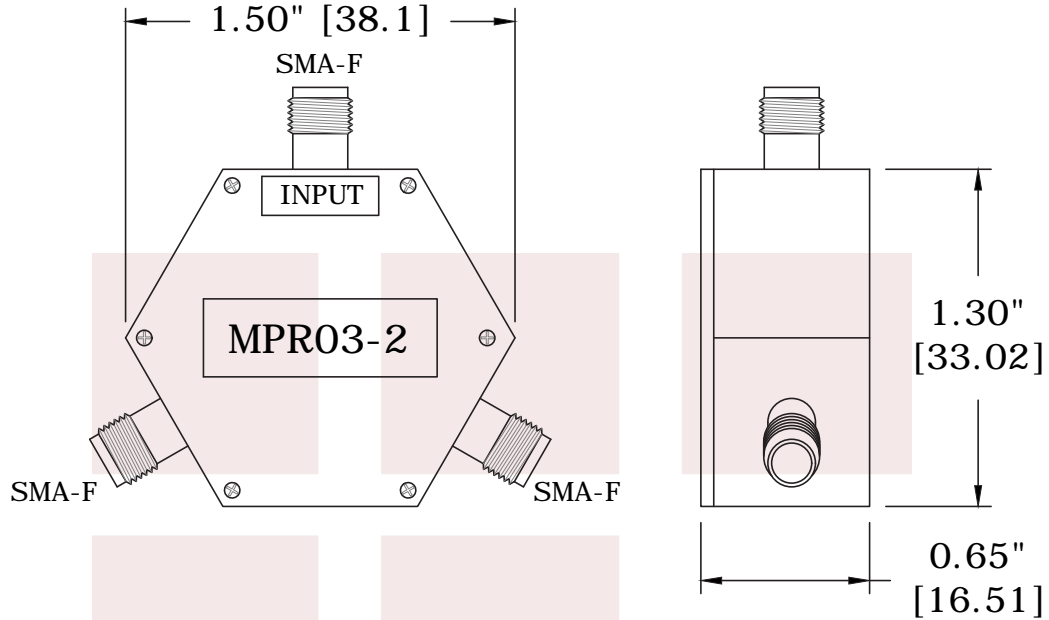


2 Way Power Divider SMA Connectors Resistive From DC to 4 GHz Rated at 1 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

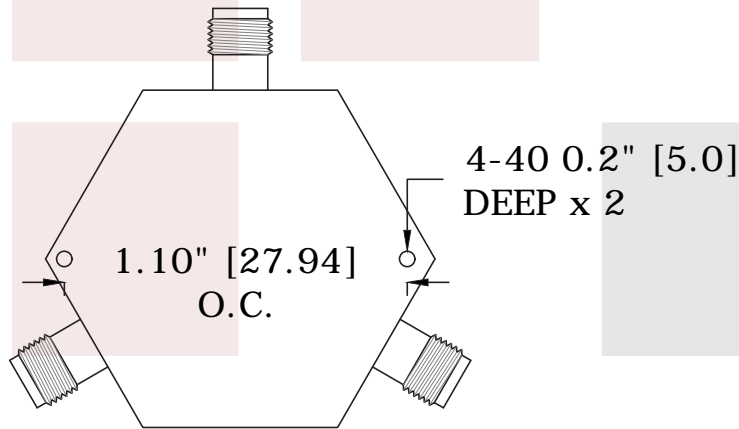
For additional information on this product, please click the following link: [2 Way Power Divider SMA Connectors Resistive From DC to 4 GHz Rated at 1 Watts MPR03-2](#)

URL: <https://www.fairviewmicrowave.com/2-way-power-divider-sma-resistive-4-ghz-1-watts-mpr03-2-p.aspx>

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FRONT VIEW



BACK VIEW

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 2 Way Power Divider SMA Connectors Resistive From DC to 4 GHz Rated at 1 Watts		DWG NO MPR03-2		CAGE CODE 3FKR5	
CAD FILE	011415	SHEET	SCALE	N/A	SIZE A 5568