

**2 Way Power Divider 3.5mm Connectors Resistive  
 From DC to 26.5 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 MPR26M-2 is a 2 way resistive power divider that operates from DC to 26.5 GHz can handle up to 1 Watt (CW) with 6.5 dB typ insertion loss. The package interface uses 3.5mm connectors and is REACH and RoHS compliant.

**Electrical Specifications**

Design	Resistive			
Number of Output Ports	2			
Description	Min	Typ	Max	Units
Frequency Range	DC		26.5	GHz
Impedance		50		Ohms
Input VSWR			1.5:1	
Insertion Loss		6.5		dB
Input Power (CW)			1	Watts
Input Power (Peak) 5µs pulse, 0.05% duty cycle			1	KWatts

Electrical Specification Notes:  
 Insertion loss includes splitting loss.

**Mechanical Specifications**

<b>Size</b>	
Length	0.58 in [14.73 mm]
Width	0.58 in [14.73 mm]
Height	0.35 in [8.89 mm]
Weight	0.04 lbs [18.14 g]

**Configuration**

Package Type	Connectorized
Input Connector	3.5mm Male
Output Connectors	3.5mm Female

**Environmental Specifications**

**Temperature**

Operating Range	-55 to +125 deg C
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant	Yes
REACH Compliant	12/17/2015



**Features:**

- 2-Way Power Divider
- Resistive Design
- DC to 26.5 GHz Frequency Range
- Max Power 1 Watt (CW)
- Insertion Loss 6.5 dB

**Applications:**

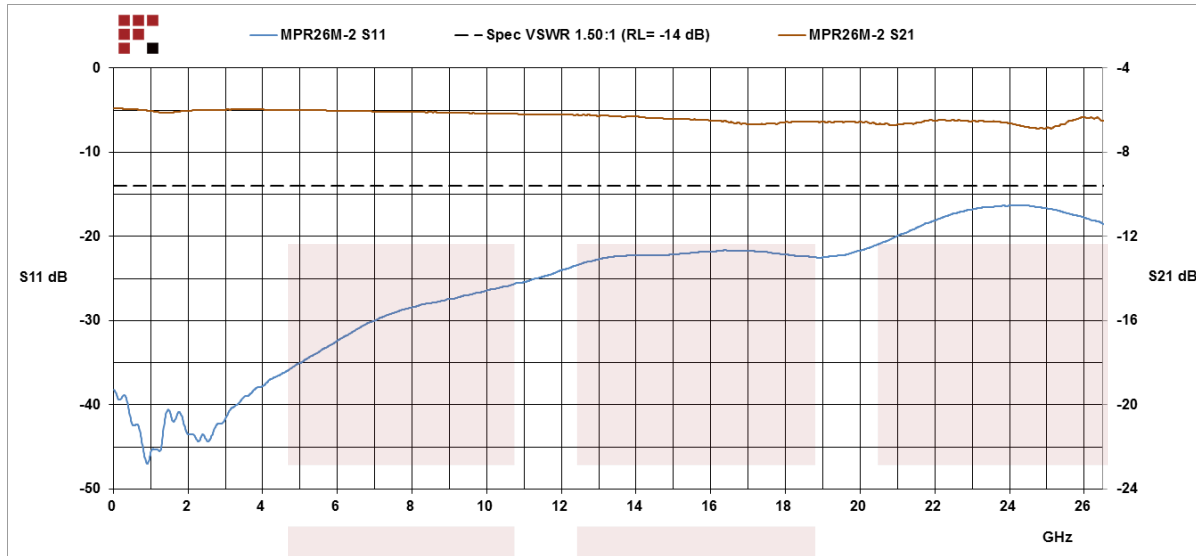
- Test and Measurement
- Military Communications
- Commercial Communications
- Wireless Communications
- SATCOM

Fairview Microwave  
 1130 Junction Dr. #100  
 Allen, TX 75013  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Plotted and Other Data**

Notes:

**Typical Performance Data**

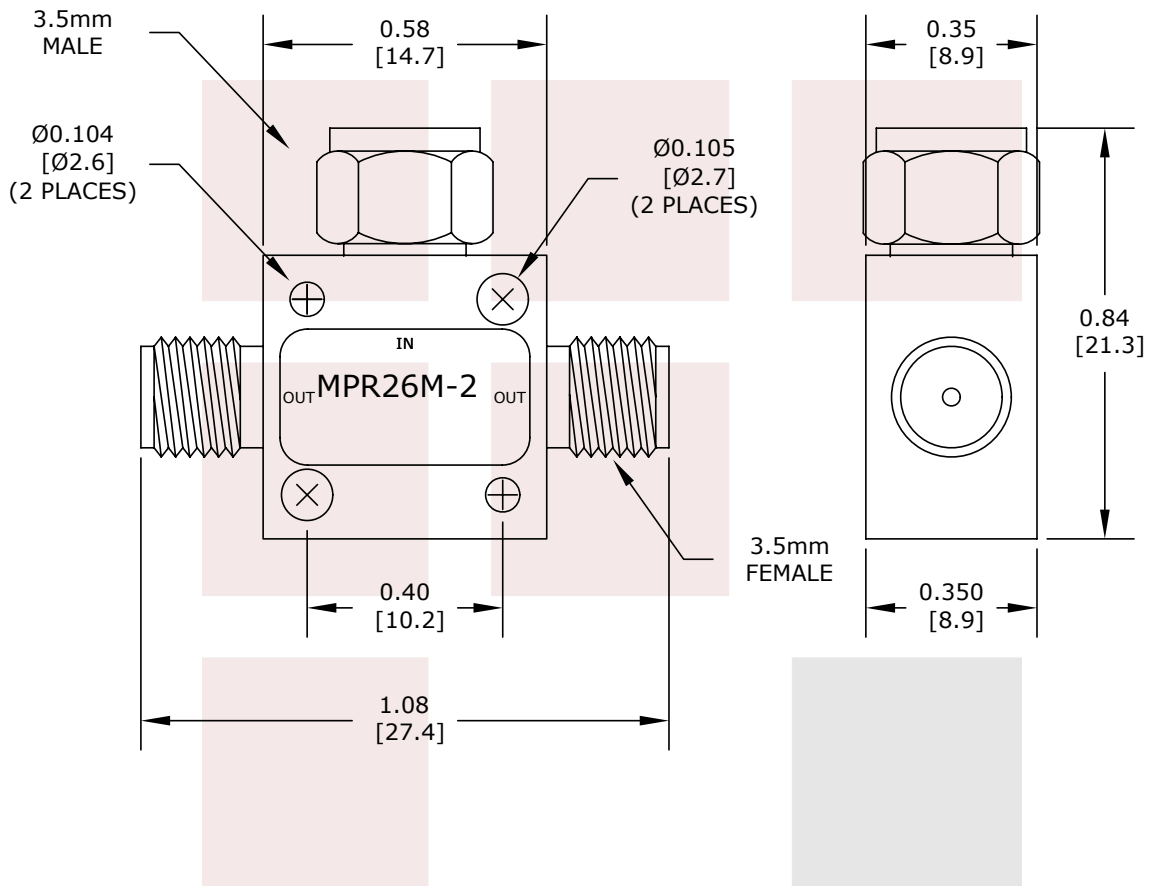


2 Way Power Divider 3.5mm Connectors Resistive From DC to 26.5 GHz Rated at 1 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2 Way Power Divider 3.5mm Connectors Resistive From DC to 26.5 GHz Rated at 1 Watts MPR26M-2](http://www.fairviewmicrowave.com/2-way-power-divider-3.5mm-resistive-26.5-ghz-1-watts-mpr26m-2-p.aspx)

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STANDARD TOLERANCES	
.XX	±0.01
.XXX	±0.003

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<b>FAIRVIEW MICROWAVE INC.</b> 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 3.5mm Connectors Resistive From DC to 26.5 GHz Rated at 1 Watts		DWG NO MPR26M-2		CAGE CODE 3FKR5	
CAD FILE	041316	SHEET	SCALE	N/A	SIZE A 3045