

2 Way Power Divider 3.5mm Connectors To 26.5 GHz Rated at 1 Watts



MPR26-2A

Features

- 2-Way Power Divider
- Resistive Design
- DC to 26.5 GHz Frequency Range
- Max Power 1 Watt (CW)
- Insertion Loss < 8.5 dB

Applications

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

Description

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 MPR26-2A is a 2 way resistive power divider that operates from DC to 26.5 GHz can handle up to 1 Watt (CW) with 8.5 dB max insertion loss. The package interface uses 3.5mm female 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			1.7:1	
Insertion Loss			8.5	dB
Input Power (CW)			1	Watt
Input Power (Peak)			1	kWatts
5μs pulse, 0.05% duty cycle				

Electrical Specification Notes:
Insertion loss includes splitting loss.

Mechanical Specifications

Size	
Length	0.58 in [14.73 mm]
Width	0.58 in [14.73 mm]
Height	0.35 in [8.89 mm]
Weight	0.0351 lbs [15.92 g]

Configuration

Package Type	Connectorized
Input Connector	3.5mm Female

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Output Connectors

3.5mm Female

Environmental Specifications

Temperature

Operating Range

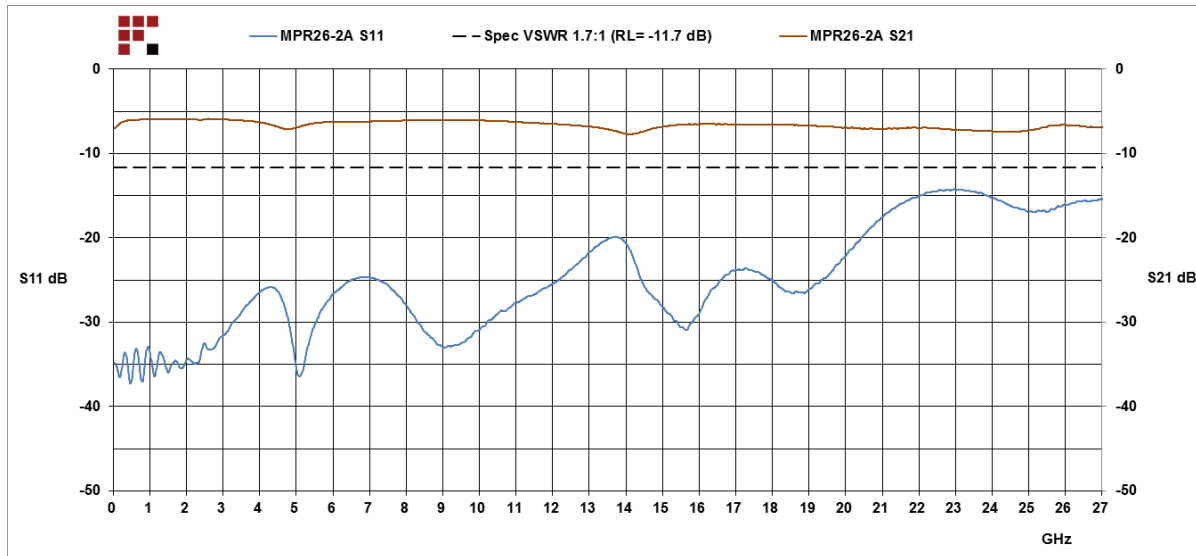
-55 to +125 deg C

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

Plotted and Other Data

Notes:

Typical Performance Data



2 Way Power Divider 3.5mm Connectors 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 Lewisville, 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 To 26.5 GHz Rated at 1 Watts MPR26-2A](#)

URL: <https://www.fairviewmicrowave.com/2-way-power-divider-3.5mm-resistive-26.5-ghz-1-watts-mpr26-2a-p.aspx>

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MPR26-2A CAD Drawing

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