Fairview Microwave
an INFINITE brand

MPR26M-2
DATA SHEET

2 Way Power Divider 3.5mm Connectors 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.

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

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	Watt
Input Power (Peak) 5µs pulse, 0.05% duty cycle			1	kWatts

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	0.0376 lbs [17.06 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

Compliance Certifications (see product page for current document)

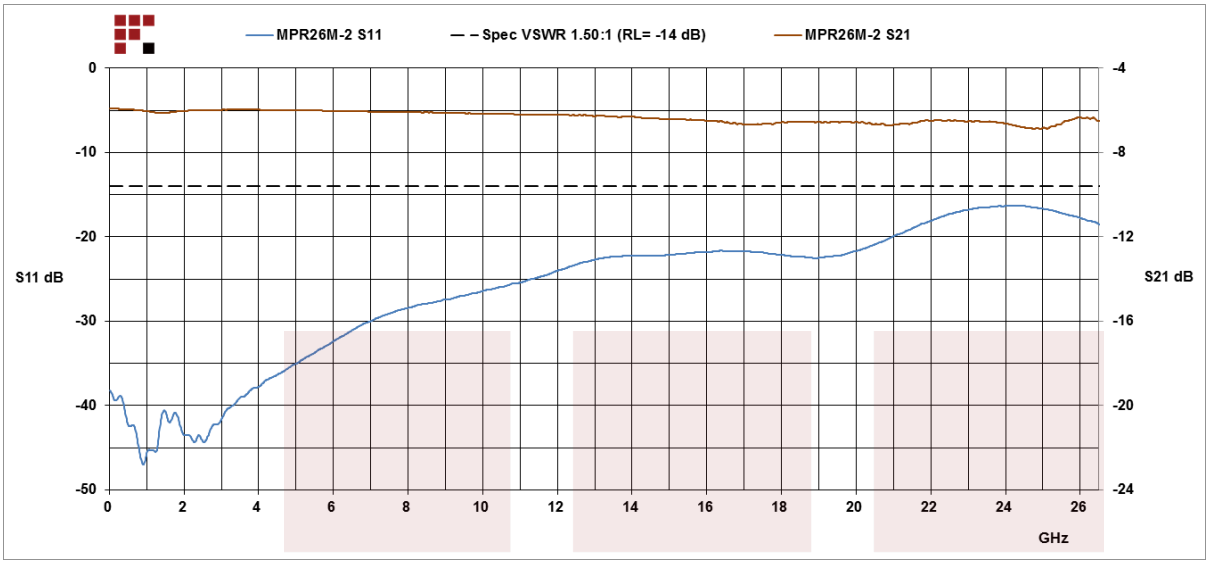
Plotted and Other Data

Notes:

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Copyright © 2020

Typical Performance Data



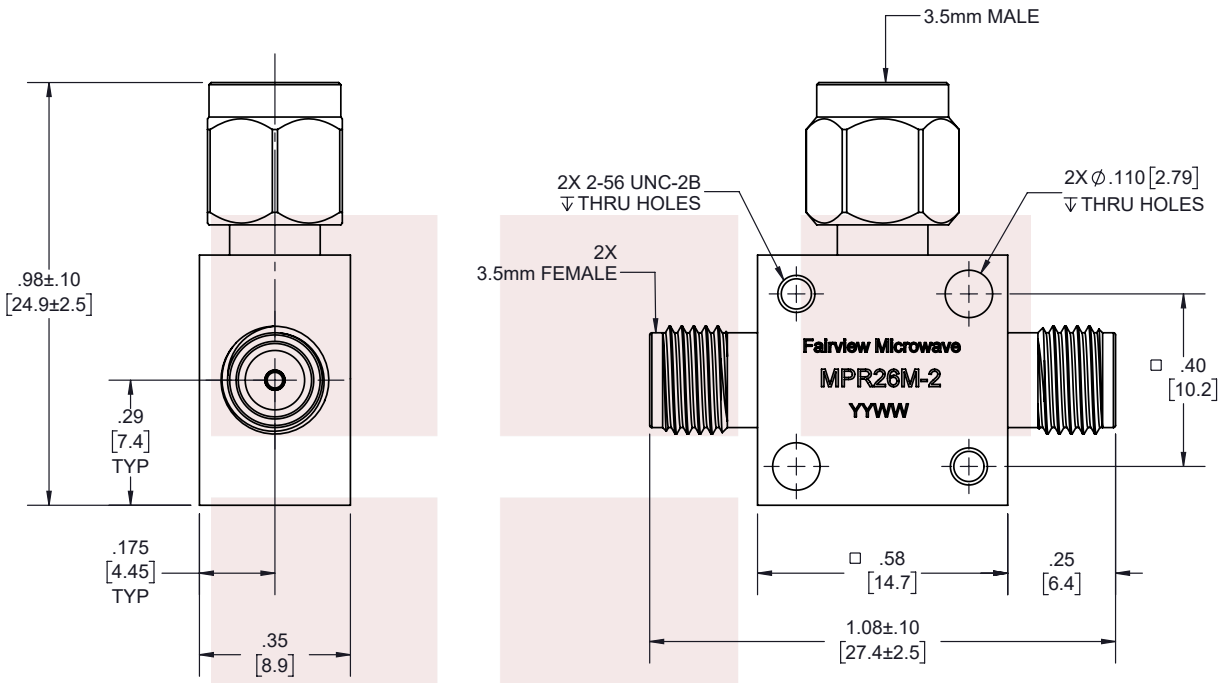
2 Way Power Divider 3.5mm Connectors To 26.5 GHz Rated at 1 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

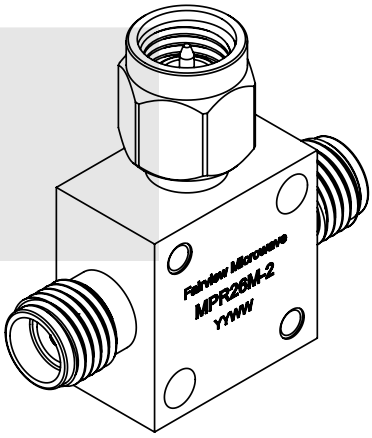
For additional information on this product, please click the following link: 2 Way Power Divider 3.5mm Connectors To 26.5 GHz Rated at 1 Watts MPR26M-2

URL: https://www.fairviewmicrowave.com/2-way-power-divider-3.5mm-resistive-26.5-ghz-1-watts-mpr26m-2-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR MPR26M-2	12/29/2020	S.PONG





THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

Fairview Microwave™
an INFINITE brand

TITLE

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

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08]
.XX = ±.02 [.51]
.XXX = ±.005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION

THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.

SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	K.DANG	MPR26M-2	A

T-Rev.D

301 Leora Ln., Suite 100, Lewisville, TX 75056 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689