

2 Way Power Divider N Connectors Wilkinson From 4 GHz to 8 GHz Rated at 30 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 MP8767-2 is a 2 way Wilkinson power divider that operates from 4 to 8 GHz can handle up to 30 Watts (CW) with 0.7 dB max insertion loss and 20 dB min isolation. The package interface uses N female connectors and is REACH and RoHS compliant.

Electrical Specifications

Design Wilkinson
Number of Output Ports 2

Description	Min	Typ	Max	Units
Frequency Range	4		8	GHz
Impedance		50		Ohms
Input VSWR			1.3:1	
Insertion Loss			0.7	dB
Isolation	20			dB
Input Power (CW)			30	Watts

Electrical Specification Notes:
Max input power rated for load VSWR better than 1.20:1.

Mechanical Specifications

Size
Length 2 in [50.8 mm]
Width 1 in [25.4 mm]
Height 1 in [25.4 mm]
Weight 0.289 lbs [131.09 g]

Configuration

Package Type Connectorized
Input Connector N Female
Output Connectors N Female

Environmental Specifications

Temperature
Operating Range -35 to +80 deg C

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

RoHS Compliant Yes
REACH Compliant 12/17/2015



Features:

- 2-Way Power Divider
- Wilkinson Design
- 4 to 8 GHz Frequency Range
- Max Power 30 Watts (CW)
- Insertion Loss < 0.7 dB
- Isolation > 20 dB

Applications:

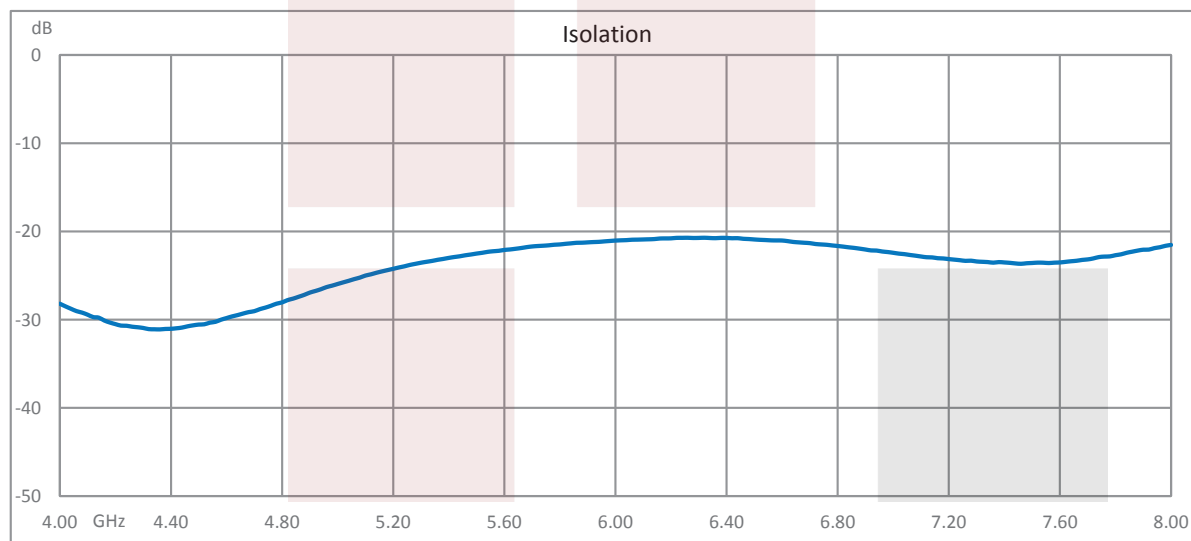
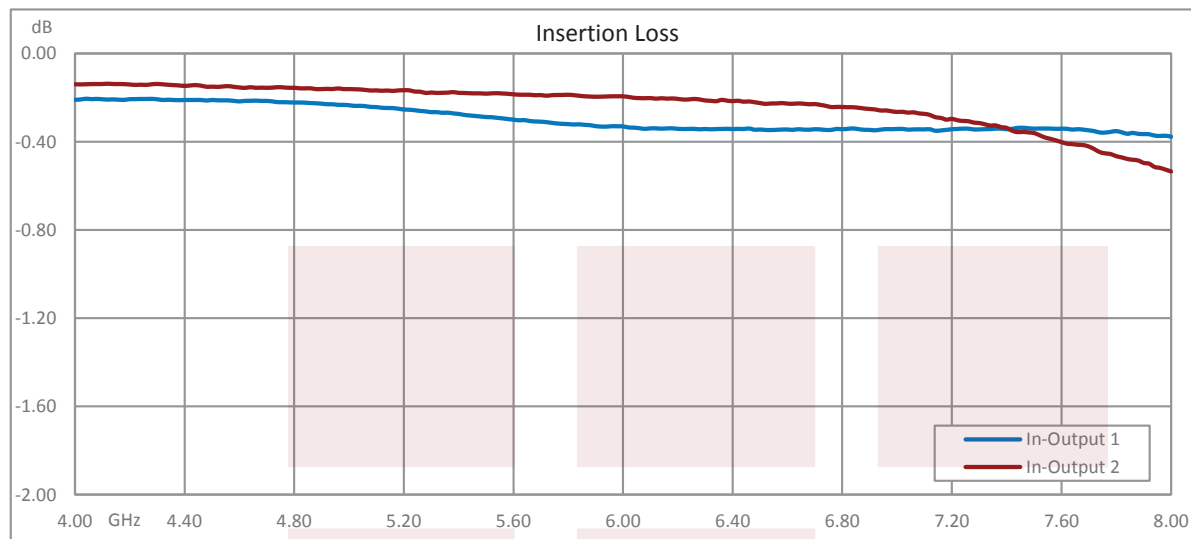
- Test and Measurement
- Military Communications
- Commercial Communications
- Wireless Communications
- SATCOM

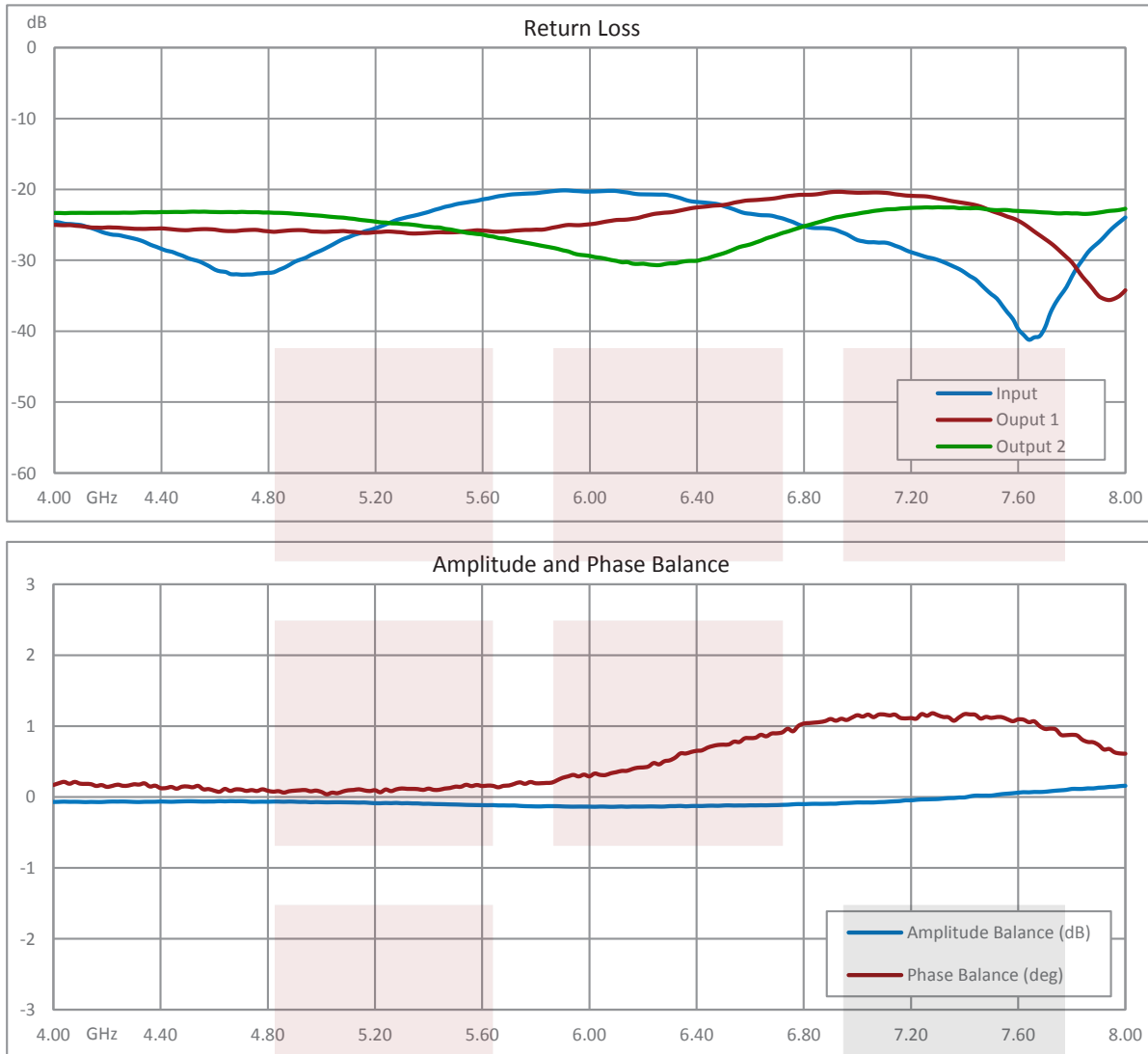
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Plotted and Other Data

Notes:

Typical Performance Data



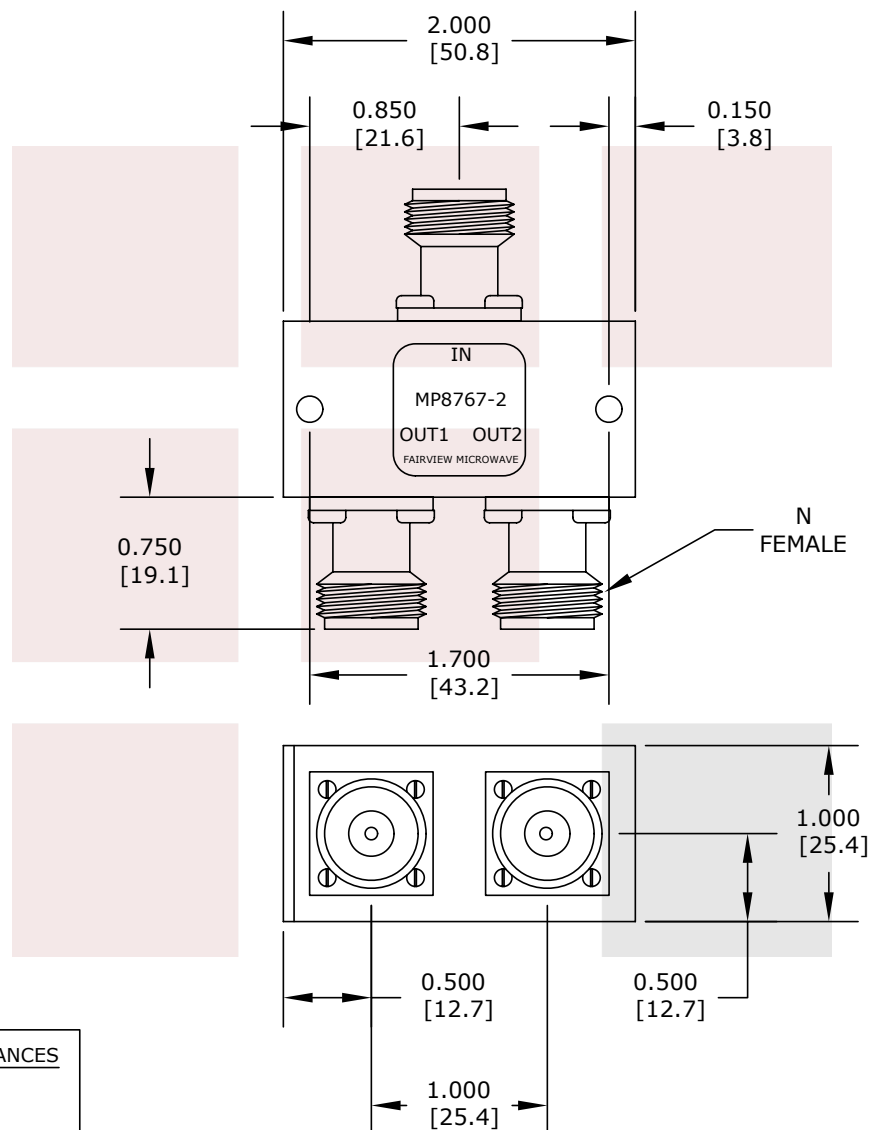


2 Way Power Divider N Connectors Wilkinson From 4 GHz to 8 GHz Rated at 30 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2 Way Power Divider N Connectors Wilkinson From 4 GHz to 8 GHz Rated at 30 Watts MP8767-2](http://www.fairviewmicrowave.com/2-way-power-divider-n-8-ghz-30-watts-mp8767-2-p.aspx)

URL: <http://www.fairviewmicrowave.com/2-way-power-divider-n-8-ghz-30-watts-mp8767-2-p.aspx>

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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

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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].

DWG NO

MP8767-2

CAGE CODE

3FKR5

CAD FILE

051316

SHEET

SCALE N/A

SIZE A

3045