

2 Way Power Divider 2.92mm Connectors From 15 GHz to 40 GHz Rated at 10 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 MP1540-2 is a 2 way reactive power divider that operates from 15 to 40 GHz can handle up to 10 Watts (CW) with 1.2 dB max insertion loss and 13 dB min isolation. The package interface uses 2.92mm female connectors and is REACH and RoHS compliant.

Electrical Specifications

Design Reactive
Number of Output Ports 2

Description	Min	Typ	Max	Units
Frequency Range	15		40	GHz
Impedance		50		Ohms
Input VSWR			1.8:1	
Insertion Loss			1.2	dB
Isolation	13			dB
Amplitude Balance			0.8	dB
Phase Balance			10	Degrees
Input Power (CW)			10	Watts

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

Mechanical Specifications

Size
Length 1 in [25.4 mm]
Width 0.6 in [15.24 mm]
Height 0.38 in [9.65 mm]
Weight 0.038 lbs [17.24 g]

Configuration
Package Type Connectorized
Input Connector 2.92mm Female
Output Connectors 2.92mm Female

Environmental Specifications

Temperature
Operating Range -25 to +80 deg C
Storage Range -55 to +150 deg C

Humidity MIL-STD-202, Method 106 (90% relative humidity, +65°C)



Features:

- 2-Way Power Divider
- Reactive Design
- 15 to 40 GHz Frequency Range
- Max Power 10 Watts (CW)
- Insertion Loss < 1.2 dB
- Isolation > 13 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
sales@fairviewmicrowave.com

Shock
Vibration

Altitude
Thermal Shock

MIL-STD-202, Method 213/I (100 G's, 6 ms)
MIL-STD-202, Method 204/D (10 to 2,000 Hz, 20 G's, 12 hours)
MIL-STD-202, Method 105/E (150,000 feet)
MIL-STD-202, Method 107/B (-55°C to +85°C)

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

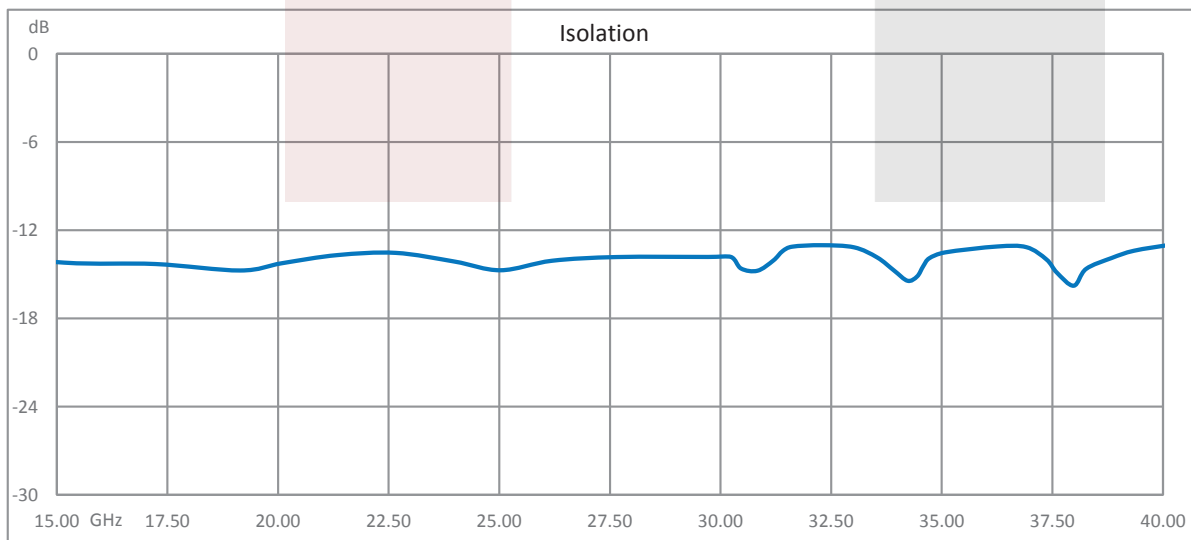
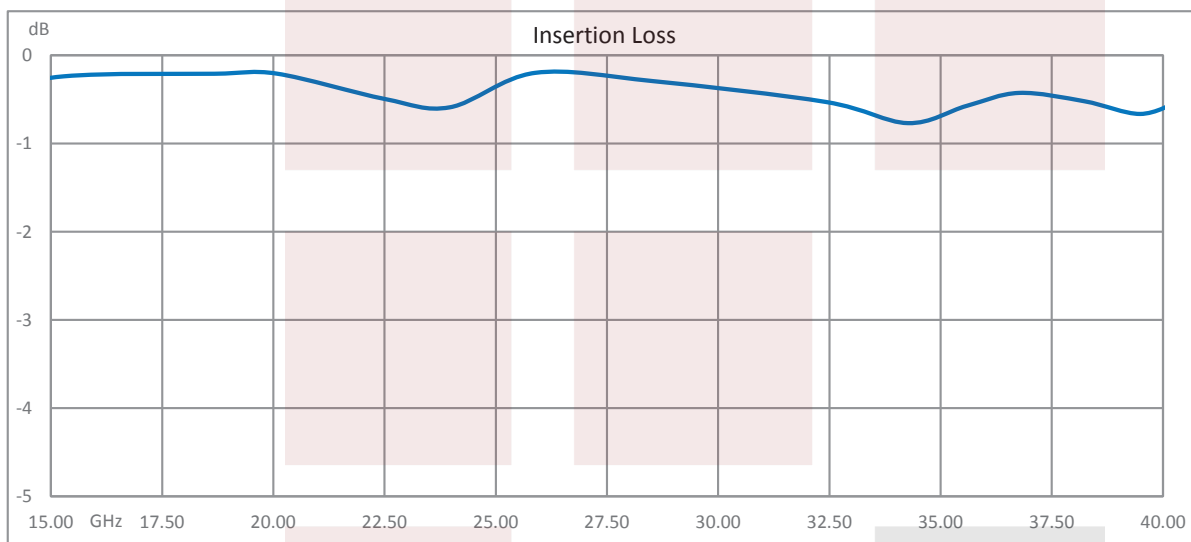
RoHS Compliant
REACH Compliant

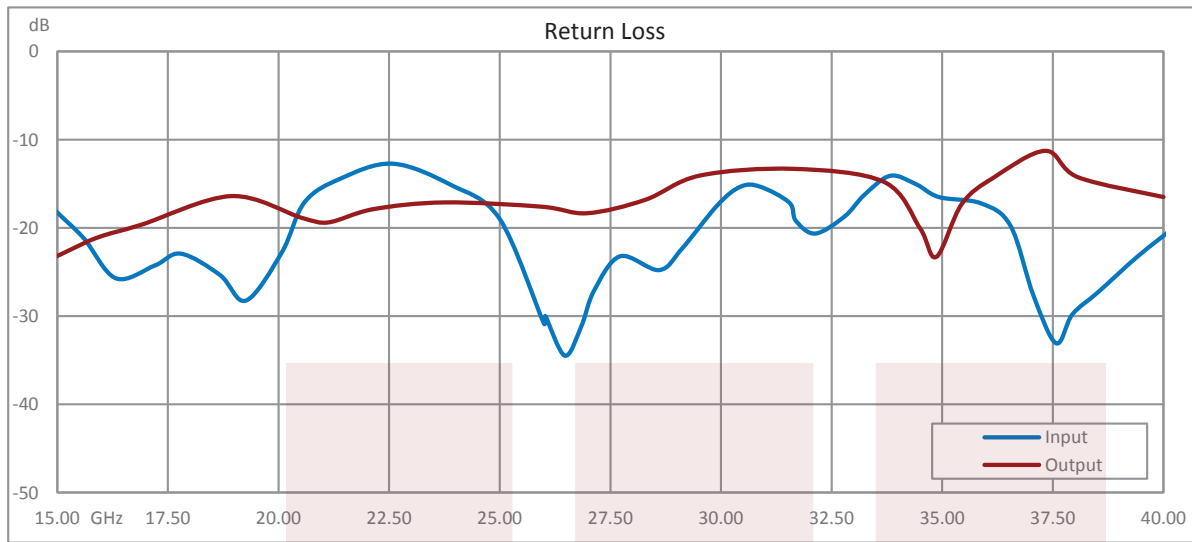
Yes
12/17/2015

Plotted and Other Data

Notes:

Typical Performance Data





2 Way Power Divider 2.92mm Connectors From 15 GHz to 40 GHz Rated at 10 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 2.92mm Connectors From 15 GHz to 40 GHz Rated at 10 Watts MP1540-2](http://www.fairviewmicrowave.com/2-way-power-divider-2.92mm-40-ghz-10-watts-mp1540-2-p.aspx)

URL: <http://www.fairviewmicrowave.com/2-way-power-divider-2.92mm-40-ghz-10-watts-mp1540-2-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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Signal Conditioning](#) category:

Click to view products by [Fairview Microwave](#) manufacturer:

Other Similar products are found below :

[PD0409J5050S2HF](#) [AFS14A35-1591.50-T3](#) [AFS20A20-1227.60-T3](#) [JP510S](#) [LFB322G45SN1A504](#) [SF2159E](#) [MAPDCC0005](#)
[BD0810N50100AHF](#) [DC0710J5005AHF](#) [DC2327J5005AHF](#) [X3C19F1-20S](#) [XC3500P-20S](#) [CDBLB455KCAX39-B0](#) [PD0922J5050D2HF](#)
[1E1305-3](#) [1F1304-3S](#) [BD1222J50200AHF](#) [BD1722J50100AHF](#) [BD0810J50150AHF](#) [BD1722J50200AHF](#) [TP-101-PIN](#) [T-1000-N](#) [XC0900P-](#)
[10S](#) [XC0900B-30S](#) [11305-10](#) [5962-9091202MXA](#) [X3C06A4-03S](#) [DSS-333-PIN](#) [PD2425J5050S2HF](#) [B39242B4360P810](#)
[B39781B8005P810](#) [B39881B8013P810](#) [B39771B8035P810](#) [B39741B8012P810](#) [B39212B8033P810](#) [B39162B8636P810](#) [SF2225E](#) [SF2275E](#)
[SF2395E](#) [SF2188D](#) [LFB182G45BG7D948](#) [SF2201E](#) [DC1722J5005AHF](#) [B39272B8818P810](#) [SF2253E](#) [SF2202E](#) [SF2182D](#) [SF2211E](#)
[SF2240E](#) [SF2307D](#)