

## WR-90 2 Way Waveguide Power Divider From 9.3 GHz to 9.5 GHz UG Square Cover Flange, Aluminum

Fairview Microwave carries a wide selection of waveguide 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. The FMW90DV001 is a 2-way waveguide power divider that operates from 9.3 to 9.5 GHz and can handle up to 30 Watts (CW) with 0.2 dB max insertion loss and 18 dB min isolation. The package uses WR-90 waveguide interface.

### Electrical Specifications

Number of Output Ports				2
Description	Min	Typ	Max	Units
Frequency Range	9.3		9.5	GHz
Input VSWR			1.2:1	
Output VSWR			1.3:1	
Insertion Loss			0.2	dB
Isolation	18			dB
Amplitude Balance			0.15	dB
Phase Balance			3	Degrees
Input Power (CW)			30	Watts
Input Power (Peak)			30	kWatts

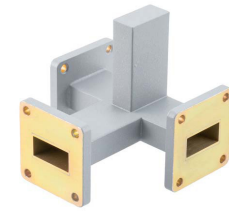
### Mechanical Specifications

<b>Size</b>	
Length	3.19 in [81.03 mm]
Width	3.15 in [80.01 mm]
Height	2.78 in [70.61 mm]
Weight	1.5 lbs [680.39 g]
Housing Material and Plating	Aluminum, Gray
<b>Configuration</b>	
Input Waveguide Size	WR-90
Input Flange Designation	FBP100
Input Flange Type	UG Cover
Output Waveguide Size	WR-90
Output Flange Type	UG Cover

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

### Plotted and Other Data

Notes:



### Features:

- 2-Way Waveguide Power Divider
- WR-90 Waveguide Interface
- 9.3 to 9.5 GHz Frequency Range
- Max Power 30 Watts (CW)
- Insertion Loss 0.2 dB max
- Isolation 18 dB min

### Applications:

- Test Benches
- Radar/Satellite
- Microwave Radio
- Attenuation Measurements
- Power Measurements

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WR-90 2 Way Waveguide Power Divider From 9.3 GHz to 9.5 GHz UG Square Cover Flange, Aluminum 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: [WR-90 2 Way Waveguide Power Divider From 9.3 GHz to 9.5 GHz UG Square Cover Flange, Aluminum FMW90DV001](#)

URL: <https://www.fairviewmicrowave.com/undefined-url-for-pn-fmw90dv001-fmw90dv001-p.aspx>

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