

2 Way Power Divider 4.1/9.5 Mini DIN Interface to 2.7 GHz Rated at 30 Watts

The FMDV1033A is a 2 way Wilkinson Power Divider with Mini DIN 4.1/9.5 Type Female connectors rated to 30 watt CW.

Fairview Microwave's family of Power Dividers are designed without solder joints and a unique construction allows for exceptional performance within the 617 to 2,700 MHz frequency range. They are offered in a range of output port options to allow flexibility in the design of your DAS system. They can be used indoor or outdoor as they meet the moisture requirements of IP65. They are available in two different connector types: N and Mini DIN 4.1/9.5.

Electrical Specifications

Design	Wilkinson			
Number of Output Ports	2			
Description	Min	Typ	Max	Units
Frequency Range	0.617		2.7	GHz
Impedance	50			Ohms
Input VSWR	1.3:1			
Output VSWR	1.2:1			
Insertion Loss	0.5			dB
Isolation	21			dB
Input Power (CW)	30			Watts
Reverse Power (CW)	0.4			Watts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Freq. Range	0.617-0.698	0.698-2.7				GHz
In VSWR, Max	1.3:1	1.2:1				
Out VSWR, Max	1.2:1	1.2:1				
IL, Max	0.3	0.5				dB
Isolation, Min	21	22				dB

Mechanical Specifications

Housing Material and Plating	Aluminum, Chem Film
Configuration	
Package Type	Connectorized
Input Connector	4.1/9.5 Mini DIN Female
Output Connectors	4.1/9.5 Mini DIN Female
Ingress Protection (IP) Rating	IP65



Features:

- 30 watt CW Rating
- 617 to 2,700 MHz
- High Power
- Mini DIN 4.1/9.5 Type Female Connector
- Mounting Bracket

Applications:

- Indoor/Outdoor Use (IP65)
- Base Station
- 4G/LTE/AWS/PCS/PMR/UMTS/TETRA/WiFi/WiMAX
- Distributed Antenna Systems (DAS)
- Wireless Infrastructure

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

Plotted and Other Data

Notes:

2 Way Power Divider 4.1/9.5 Mini DIN Interface to 2.7 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 4.1/9.5 Mini DIN Interface to 2.7 GHz Rated at 30 Watts FMDV1033A](#)

URL: <https://www.fairviewmicrowave.com/2-way-power-divider-4.1-9.5-mini-din-2.7-ghz-fmdv1033a-p.aspx>

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