



# 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.

Number of Output Port	S		2		
Description	Min	Тур	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**

**Electrical Specifications** 

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Description	F1	F2	F3	F4	F5	Units
Freq. Range	0.617-0.6	98 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

Milleincon

#### Configuration

Package Type Input Connector

**Output Connectors** 

Ingress Protection (IP) Rating

Connectorized 4.1/9.5 Mini DIN Female 4.1/9.5 Mini DIN

Female 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.

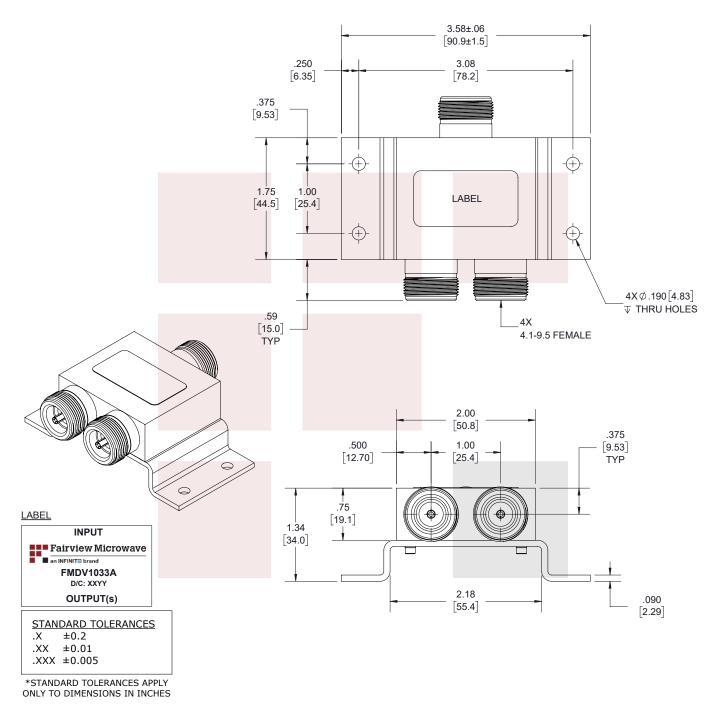
For additional information on this product, please click the following link: 2 Way Power Divider 4.1/9.5 Mini DIN Interface to 2.7 GHz Rated at 30 Watts FMDV1033A

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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FAIRVIEW MICROWAVE 1 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].

TITLE

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CAD FILE 01/29/19 SHEET 1 OF 1 SCALE N/A SIZE A 7361