

**2 Way Power Divider N Connectors From 700 MHz to 2.7 GHz Rated at 500 Watts**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	0.7		2.7	GHz
Impedance		50		Ohms
Insertion Loss		3.6		dB
Input Power			500	Watts
Input VSWR			1.2:1	
Output VSWR			1.2:1	
Peak Input Power			3	KWatts
Isolation	0			dB

\* Values at 25°C, sea level

**Mechanical Specifications**

**Temperature**

Operating Range -35 to +75 deg C

**Size**

Length 9.36 in 237.74 mm  
Width 1 in 25.4 mm  
Height 1 in 25.4 mm  
Weight 1.12524 lbs 510.4 g

**Connectors**

Description	Input Connector	Outer Connectors
Type	N Female	N Female

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

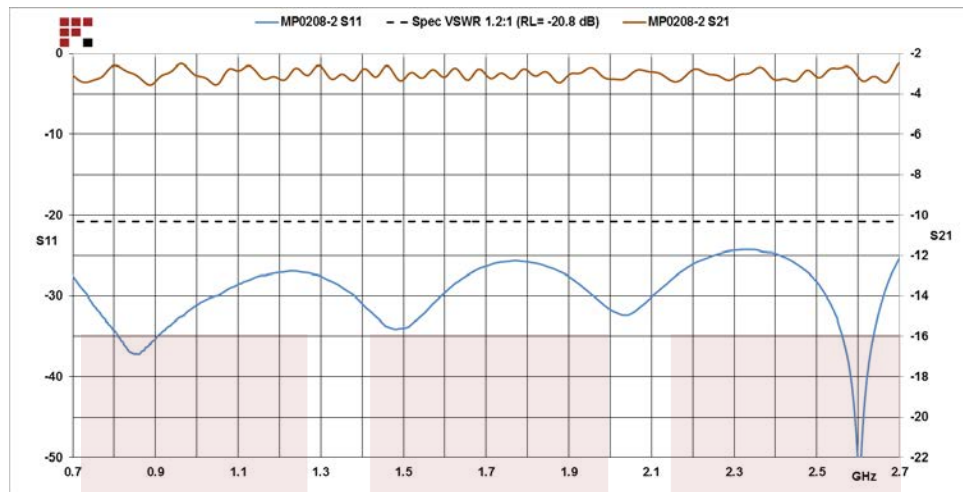


**Features:**

- Input Connector: N Female
- Output Connectors: N Female
- Frequency Range: 0.7 to 2.7 GHz
- Number of Output Ports: 2
- Housing Material and Plating: Aluminum

Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

### Typical Performance Data

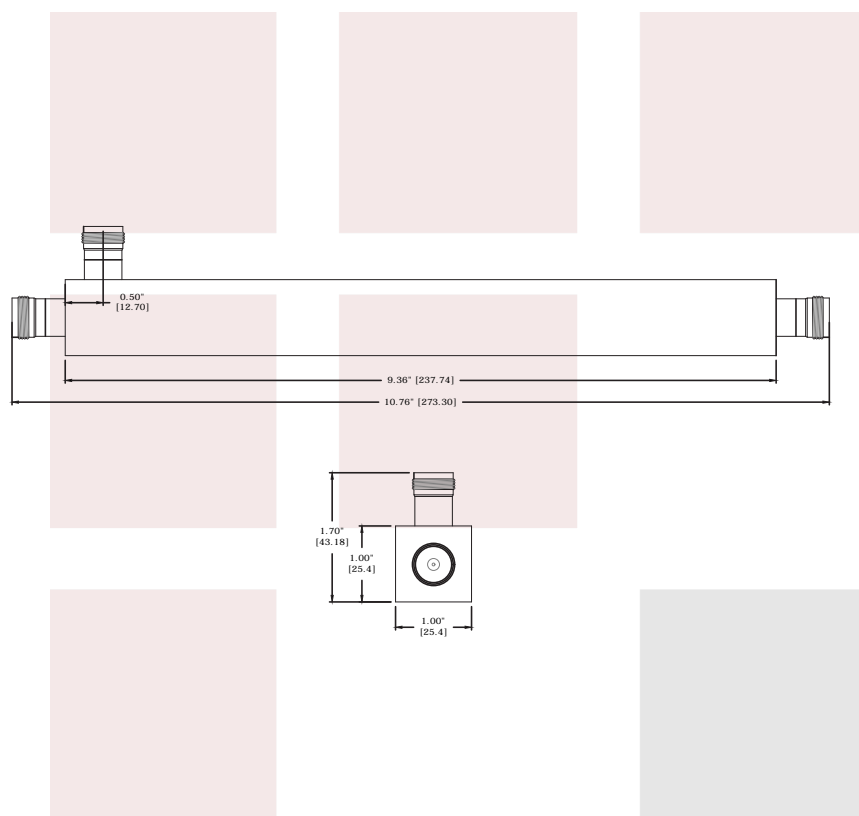


2 Way Power Divider N Connectors From 700 MHz to 2.7 GHz Rated at 500 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2 Way Power Divider N Connectors From 700 MHz to 2.7 GHz Rated at 500 Watts MP0727N-2](http://www.fairviewmicrowave.com/2-way-power-divider-n-resistive-2.7-ghz-500-watts-mp0727n-2-p.aspx)

URL: <http://www.fairviewmicrowave.com/2-way-power-divider-n-resistive-2.7-ghz-500-watts-mp0727n-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.



**FAIRVIEW MICROWAVE INC.**  
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

TITLE  
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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		MP0727N-2		CAGE CODE	
				3FKR5	
CAD FILE	011415	SHEET	SCALE	N/A	SIZE A
					5568