

2 Way Power Divider SMA Interface to 12.4 GHz Rated at 10 Watts

MP0712A-2 is a passive 2 way RF Power Divider with 50 ohm SMA female connectors operating from 7 to 12.4 GHz. The MP0712A-2 has a 0.4 dB maximum Insertion loss and a Max VSWR of 1.35:1. The RF Divider operates in a temperature range from -55°C to 125°C. Power dividers have many applications and so perform many valuable functions within the RF/Microwave world. Examples are antenna beam forming, taps for cable distributed systems combining feeds to and from antennae.

Electrical Specifications

Design			Wilkinson	
Number of Output Ports			2	
Description	Min	Typ	Max	Units
Frequency Range	7		12.4	GHz
Impedance		50		Ohms
Input VSWR			1.35:1	
Output VSWR			1.35:1	
Insertion Loss			0.4	dB
Isolation	20			dB
Input Power (CW)			10	Watts

Mechanical Specifications

Size	
Length	1 in [25.4 mm]
Width	1 in [25.4 mm]
Height	0.5 in [12.7 mm]
Weight	0.0845 lbs [38.33 g]
Configuration	
Input Connector	SMA Female
Output Connectors	SMA Female

Environmental Specifications

Temperature	
Operating Range	-55 to +125 deg C

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

Plotted and Other Data

Notes:



Features:

- 7 to 12.4 GHz
- 20 dB min Isolation
- 2 way SMA divider

Applications:

- Communications Systems
- CDMA,GSM,LTE
- Amplifier Systems
- Amplifier Power Dividing
- Aviation/Aerospace
- Defense Applications

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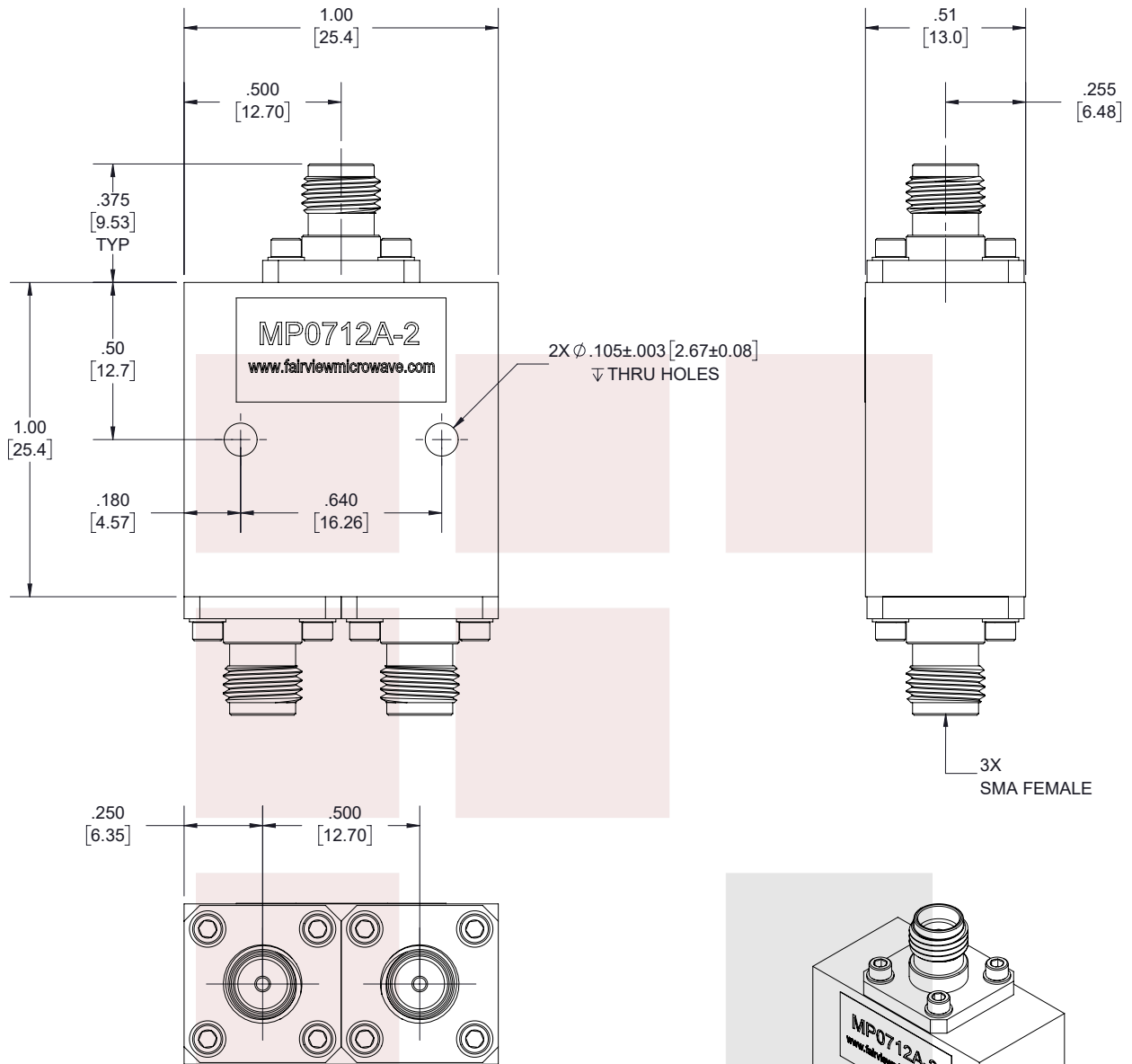
2 Way Power Divider SMA Interface to 12.4 GHz Rated at 10 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2 Way Power Divider SMA Interface to 12.4 GHz Rated at 10 Watts MP0712A-2](#)

URL: <https://www.fairviewmicrowave.com/2-way-power-divider-sma-12.4-ghz-mp0712a-2-p.aspx>

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STANDARD TOLERANCES

- .X ±0.2
- .XX ±0.01
- .XXX ±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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].

TITLE 2 Way Power Divider SMA Interface to 12.4 GHz Rated at 10 Watts	DWG NO MP0712A-2		CAGE CODE 3FKR5			
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