

**16 Way Power Divider SMA Connectors From
 800 MHz to 2.5 GHz Rated at 10 Watts**

Electrical Specifications

Design Reactive
 Number of Output Ports 16

Description	Min	Typ	Max	Units
Frequency Range	0.8		2.5	GHz
Impedance		50		Ohms
Input VSWR			1.5:1	
Output VSWR			1.3:1	
Insertion Loss			1.7	dB
Isolation	18			dB
Amplitude Balance			0.4	dB
Phase Balance			8	Degrees
Input Power (CW)			10	Watts

Mechanical Specifications

Size

Length 8.35 in [212.09 mm]
 Width 4.09 in [103.89 mm]
 Height 0.47 in [11.94 mm]
 Weight 1.2805 lbs [580.82 g]

Configuration

Input Connector SMA Female
 Output Connectors SMA Female

Environmental Specifications

Temperature

Operating Range -55 to +85 deg C
 Storage Range -55 to +100 deg C

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

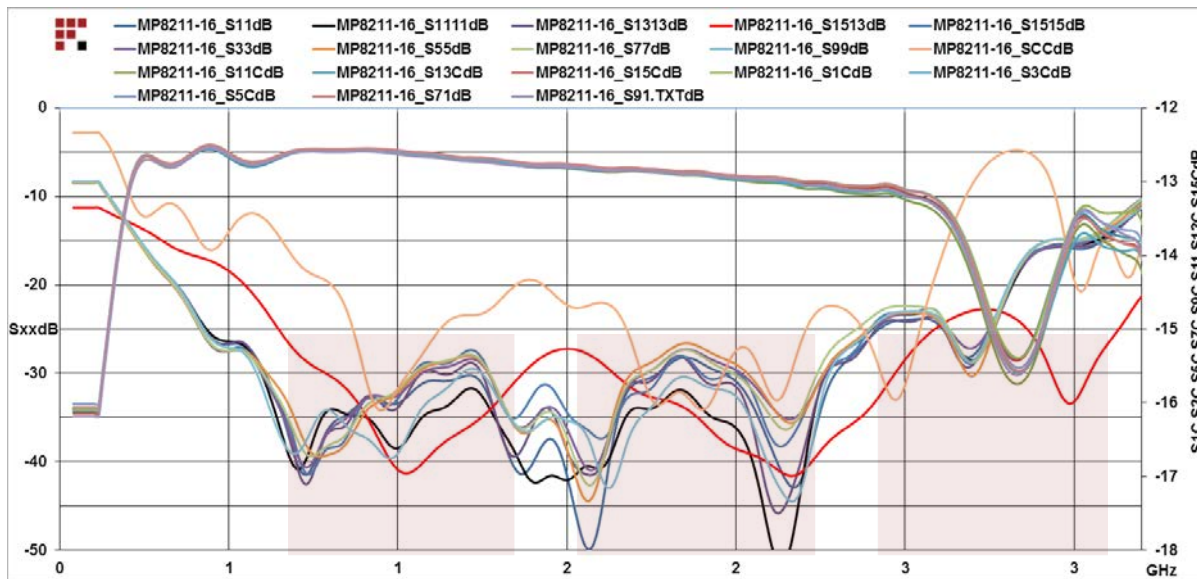
Plotted and Other Data

Notes:



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Typical Performance Data

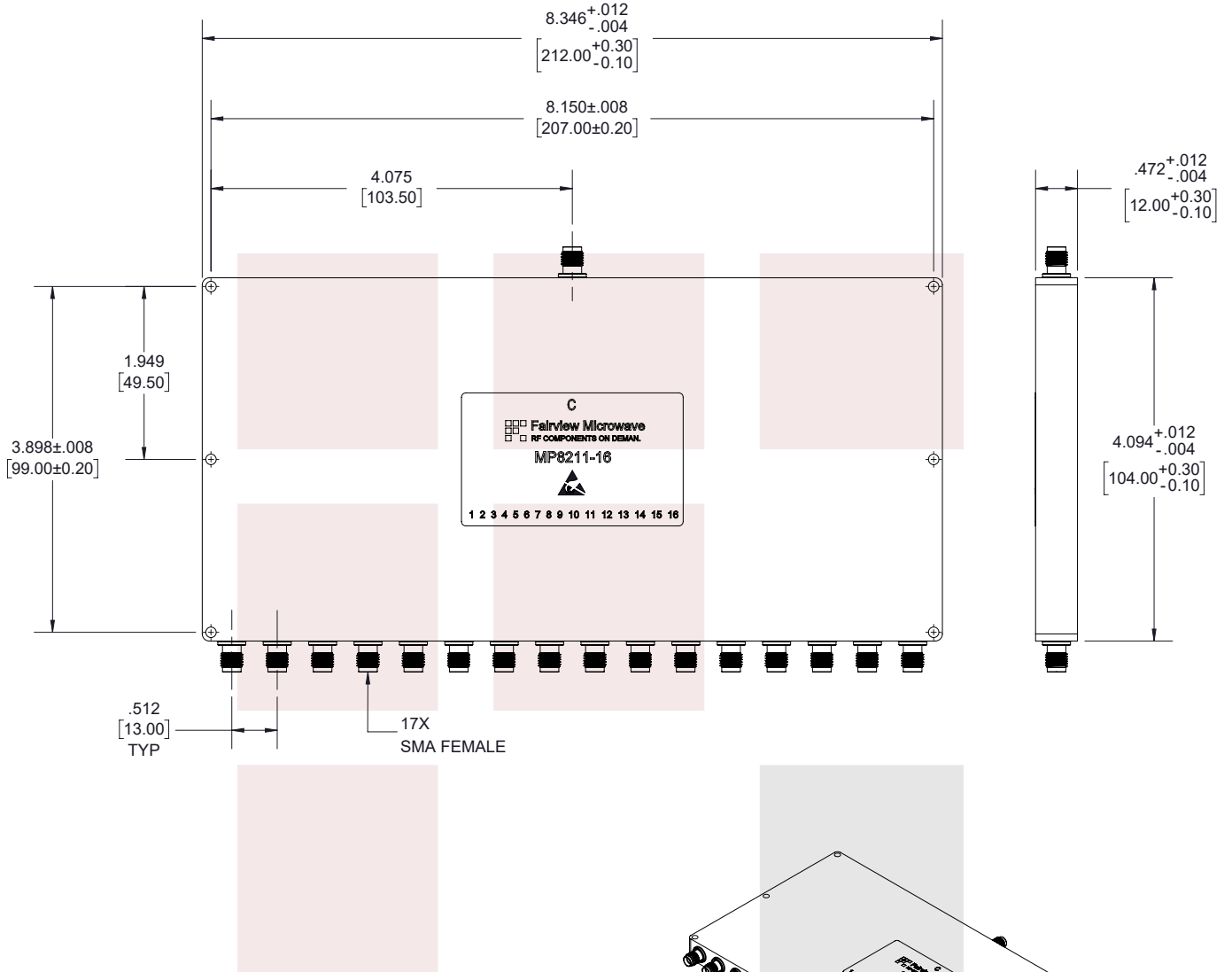


16 Way Power Divider SMA Connectors From 800 MHz to 2.5 GHz Rated at 10 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [16 Way Power Divider SMA Connectors From 800 MHz to 2.5 GHz Rated at 10 Watts MP8211-16](https://www.fairviewmicrowave.com/16-way-power-divider-sma-2.5-ghz-10-watts-mp8211-16)

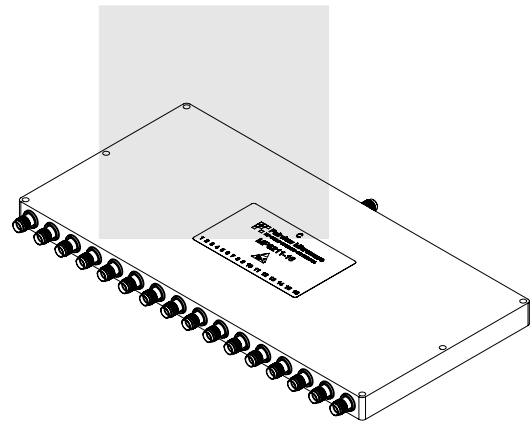
URL: <https://www.fairviewmicrowave.com/16-way-power-divider-sma-2.5-ghz-10-watts-mp8211-16-p.aspx>

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.



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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		DWG NO		CAGE CODE		
16 Way Power Divider SMA Connectors From 800 MHz to 2.5 GHz Rated at 10 Watts		MP8211-16		3FKR5		
CAD FILE	022218	SHEET	1 OF 1	SCALE	N/A	SIZE A 7361