

## SMA Directional Coupler 20 dB 2 GHz Rated to 50 Watts

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	0.5		2	GHz
Impedance		50		Ohms
Coupling		20		dB
Insertion Loss		0.4		dB
Directivity	20			dB
Main Line VSWR			1.2:1	
Input Power (CW)			50	Watts

### Mechanical Specifications

#### Size

Length	5.24 in [133.1 mm]
Width/Dia.	0.594 in [15.09 mm]
Height	0.434 in [11.02 mm]
Weight	0.156 lbs [70.76 g]

#### Configuration

Input Connector	SMA Female
Output Connector	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:

SMA Directional Coupler 20 dB 2 GHz Rated to 50 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

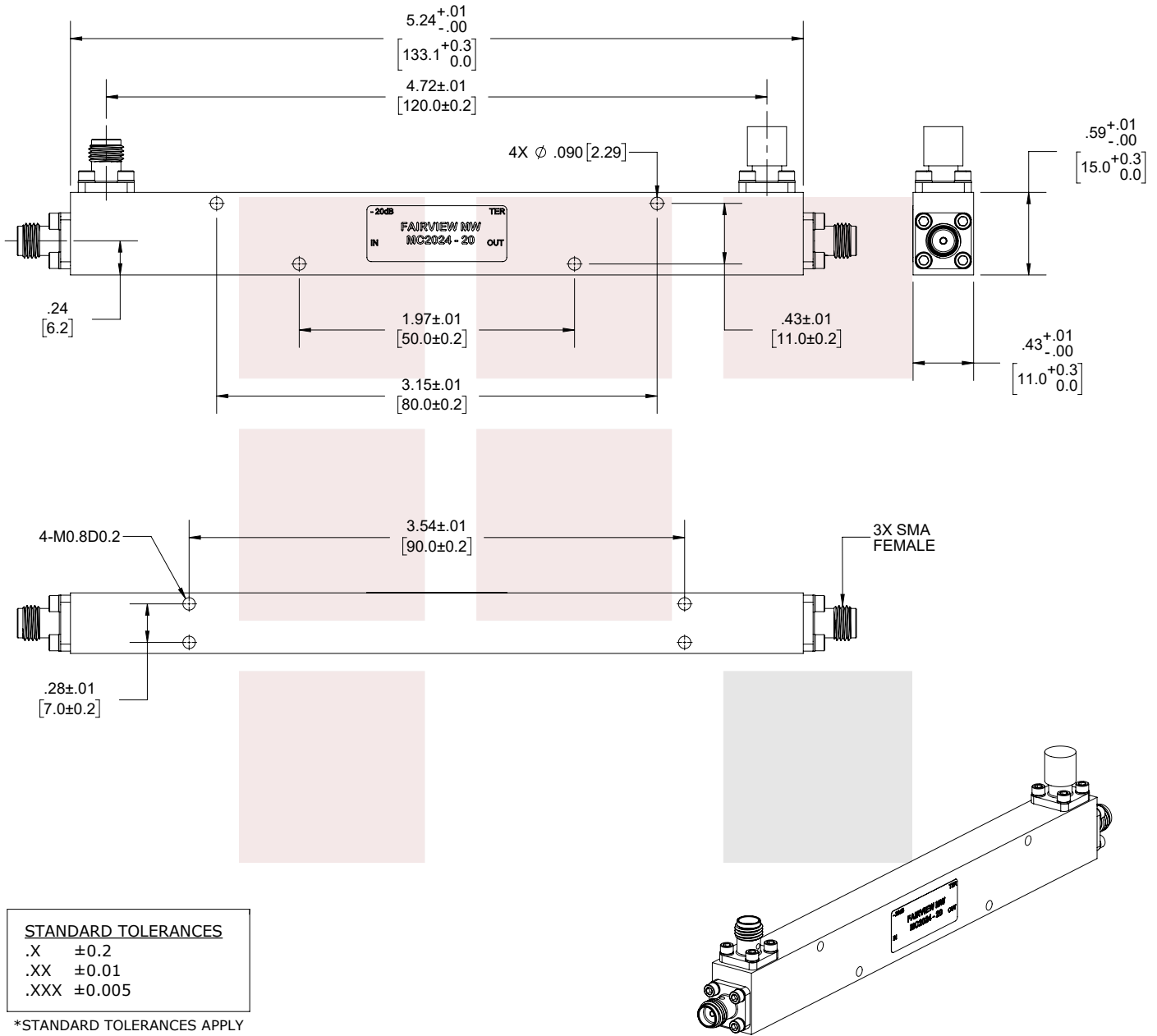
For additional information on this product, please click the following link: [SMA Directional Coupler 20 dB 2 GHz Rated to 50 Watts MC2024-20](#)

URL: <https://www.fairviewmicrowave.com/sma-directional-coupler-20-db-2-ghz-50-watts-mc2024-20-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  
 301 Leora Ln., Suite 100  
 Lewisville, TX 75056  
 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)



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

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<p><b>Fairview Microwave</b> RF COMPONENTS ON DEMAND. <i>Done!</i></p>	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			
	SMA Directional Coupler 20 dB 2 GHz Rated to 50 Watts		MC2024-20		3FKR5			
CAD FILE	07/18/18	SHEET	1 OF 1	SCALE	N/A	SIZE	A	7316