

N Directional Coupler 10 dB 12.4 GHz Rated To 50 Watts

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	8		12.4	GHz
Impedance		50		Ohms
Coupling		10		dB
Freq. Sensitivity			±1	dB
Main Line Loss		1.5	1.5	dB
Directivity	17			dB
Main Line VSWR			1.6:1	
Input Power (CW)			50	Watts
Input Power (Peak)			3	KWatts



Mechanical Specifications

Weight 0.184 lbs [83.46 g]

Configuration

Input Connector N Female
 Output Connector N Female

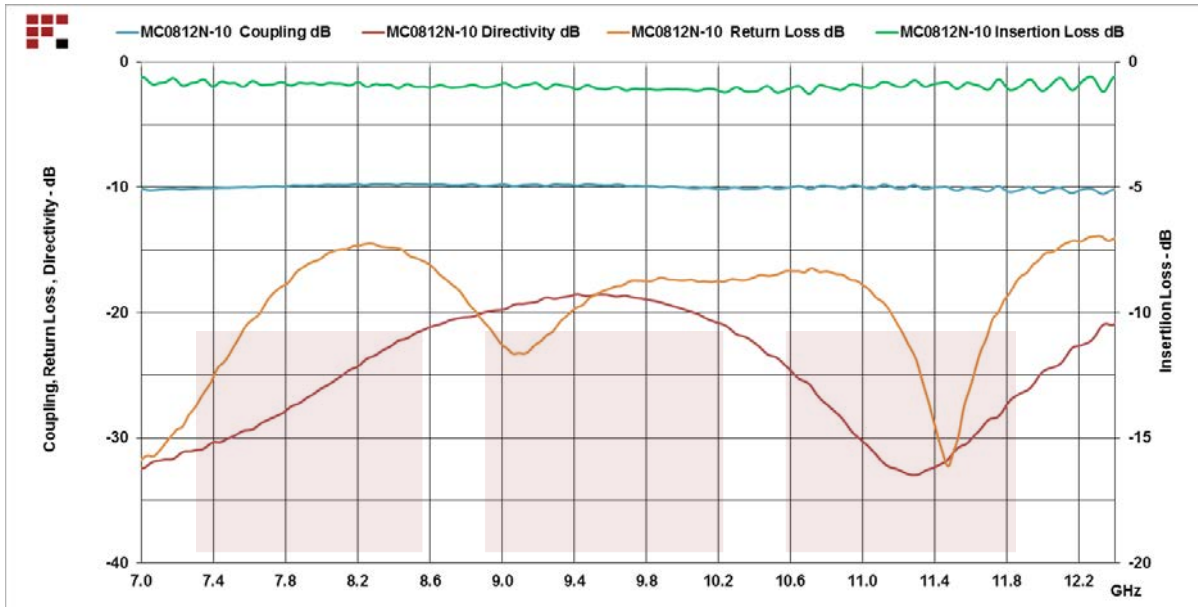
Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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 Lewisville, TX 75056
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Typical Performance Data

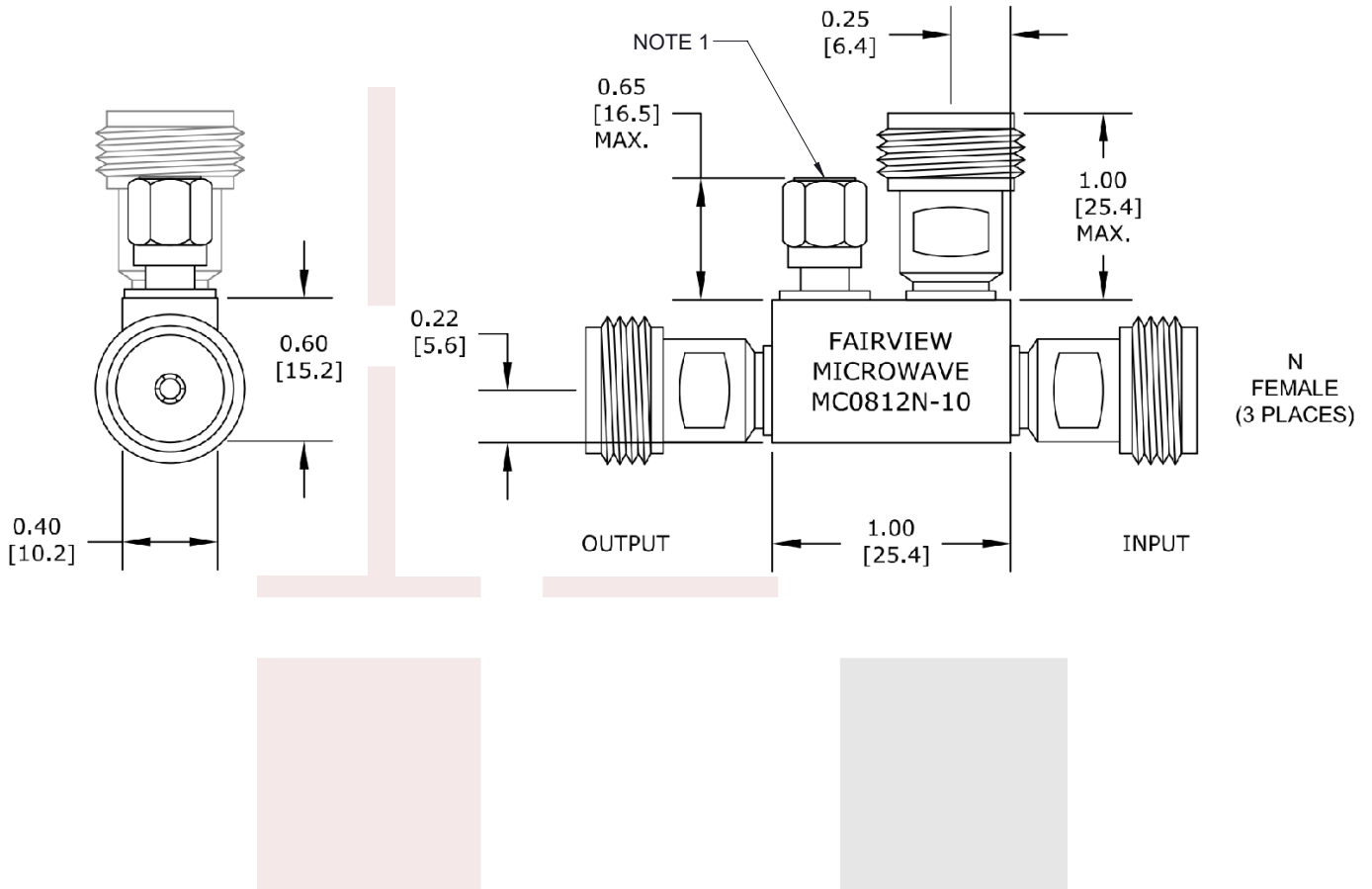


N Directional Coupler 10 dB 12.4 GHz Rated To 50 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Directional Coupler 10 dB 12.4 GHz Rated To 50 Watts MC0812N-10](https://www.fairviewmicrowave.com/n-directional-coupler-10-db-12.4-ghz-mc0812n-10-p.aspx)

URL: <https://www.fairviewmicrowave.com/n-directional-coupler-10-db-12.4-ghz-mc0812n-10-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

- NOTES:
1. SECONDARY TERMINATION CAN BE INTERNAL OR EXTERNAL DEPENDING ON MODEL AND SHOULD NOT BE REMOVED. FOR CONNECTORIZED LOADS CONSULT FACTORY.

<p>Fairview Microwave 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 N Directional Coupler 10 dB 12.4 GHz Rated To 50 Watts	DWG NO MC0812N-10	CAGE CODE 3FKR5	
CAD FILE 032818	SHEET 1 OF 1	SCALE N/A	SIZE A	7361