

N Dual Directional Coupler 40 dB Coupled Port From 500 MHz to 2.5 GHz Rated To 200 Watts

Electrical Specifications



Description	Min	Typ	Max	Units
Frequency Range	0.5		2.5	GHz
Impedance		50		Ohms
Coupling		40 ±1		dB
Freq. Sensitivity			1	dB
Insertion Loss			0.3	dB
Directivity	18			dB
Main Line VSWR			1.25:1	
Input Power (CW)			200	Watts

Mechanical Specifications

Size	
Length	2.5 in [63.5 mm]
Width/Dia.	1.11 in [28.19 mm]
Height	1.5 in [38.1 mm]
Weight	0.5088 lbs [230.79 g]
Housing Material and Plating	Aluminum Alloy, Chem Film

Configuration	
Input Connector	N Female
Output Connector	N Female
Coupled Connectors	SMA Female

Environmental Specifications

Temperature	
Operating Range	85 to -55 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

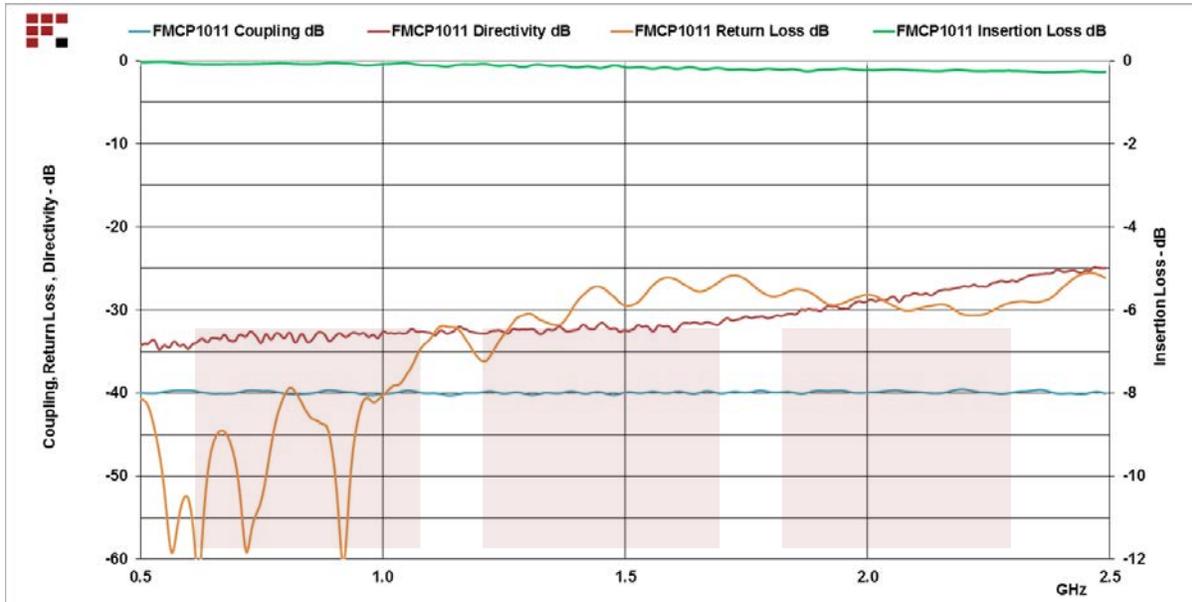
RoHS Compliant	Yes
REACH Compliant	12/17/2015

Plotted and Other Data

Notes:

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 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
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Typical Performance Data

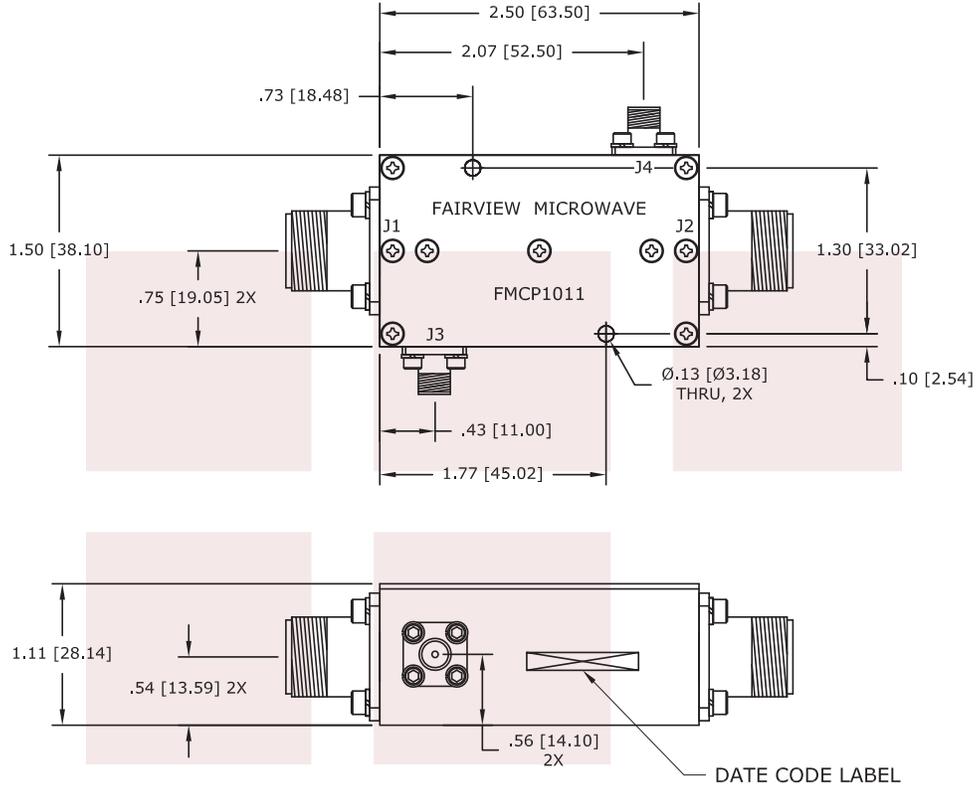


N Dual Directional Coupler 40 dB Coupled Port From 500 MHz to 2.5 GHz Rated To 200 Watts from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Dual Directional Coupler 40 dB Coupled Port From 500 MHz to 2.5 GHz Rated To 200 Watts FMCP1011](https://www.fairviewmicrowave.com/n-dual-directional-coupler-40-db-2.5-ghz-200-watts-fmcp1011-p.aspx)

URL: <https://www.fairviewmicrowave.com/n-dual-directional-coupler-40-db-2.5-ghz-200-watts-fmcp1011-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.



INPUT	OUTPUT	FORWARD COUPLING	REFLECTED COUPLING
J1	J2	J3	J4
J2	J1	J4	J3

TOLERANCE	.XX ±.02
	.XXX ±.005
	ANG. ±1/2°

* THESE DIMENSIONS AND TOLERANCES
 SUPERSEDE NOTE #1 ON TITLE BLOCK.

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 N Dual Directional Coupler 40 dB Coupled Port From 500 MHz to 2.5 GHz Rated To 200 Watts		DWG NO FMCP1011		CAGE CODE 3FKR5	
CAD FILE	041015	SHEET	SCALE	N/A	SIZE A 2233