

N Dual Directional Coupler 20 dB Coupled Port From 2 GHz to 6 GHz Rated To 200 Watts

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2		6	GHz
Directivity	15			dB
Impedance		50		Ohms
Insertion Loss			0.38	dB
Input Power			200	Watts
Input VSWR			1.3:1	
Coupling Value		20		dB
Coupling Tolerance			± 1	dB
Coupling Flatness			± 0.7	dB

Mechanical Specifications

Temperature

Operating Range -55 to +85 deg C

Size

Length 1.7 in [43.18 mm]
 Width/Dia. 0.91 in [23.11 mm]
 Height 1.18 in [29.97 mm]

Housing Material and Plating Aluminum Alloy, Chem Film

Connector 1

Type N Female

Connector 2

Type N Female

Connector 3

Type SMA Female

Connector 4

Type SMA Female

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

RoHS Compliant Yes



Features:

- Connector 1: N Female
- Connector 2: N Female
- Coupled Connectors: SMA Female
- Design: Dual Directional Coupler

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Plotted and Other Data

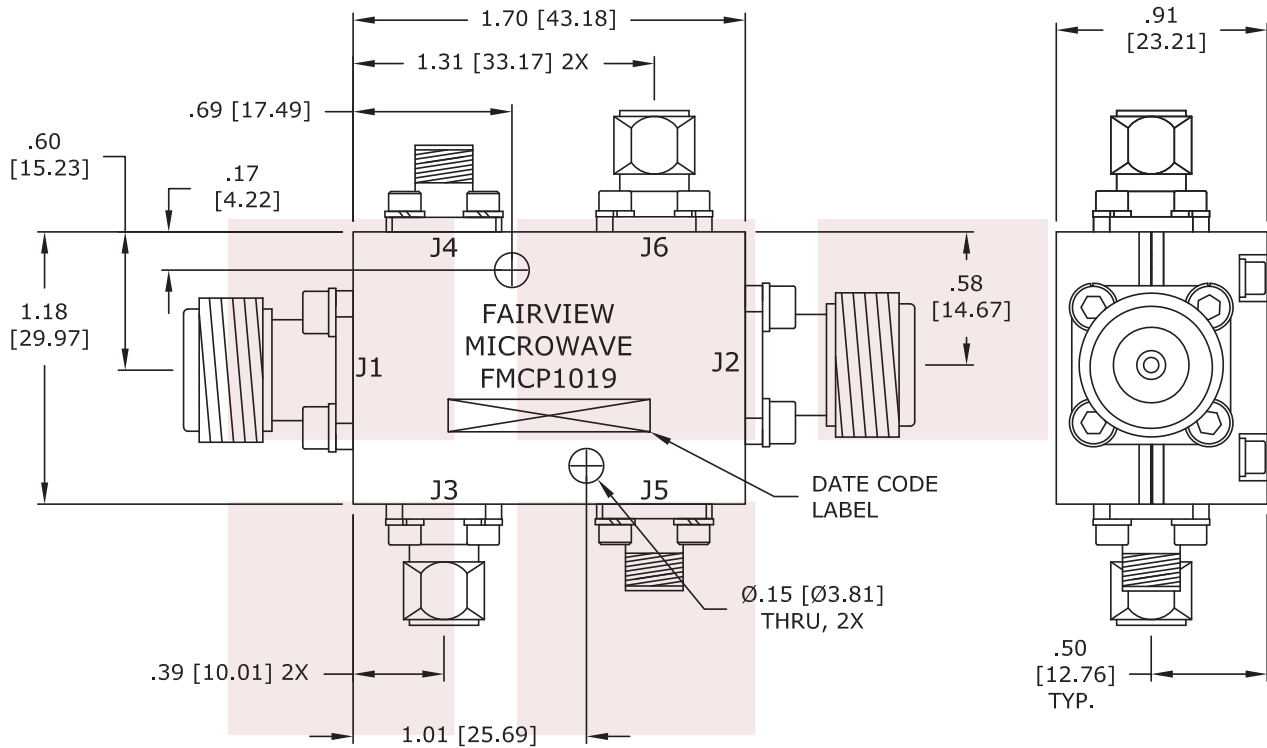
Notes:

N Dual Directional Coupler 20 dB Coupled Port From 2 GHz to 6 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 20 dB Coupled Port From 2 GHz to 6 GHz Rated To 200 Watts FMCP1019](#)

URL: <http://www.fairviewmicrowave.com/n-dual-directional-coupler-20-db-6-ghz-200-watts-fmcp1019-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	50 OHM LOAD
J1	J2	J4	J5	J3, J6
J2	J1	J5	J4	J3, J6

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

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

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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
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GHz to 6 GHz Rated To 200 Watts

DWG NO FMCP1019 CAGE CODE 3FKR5

CAD FILE 041015 SHEET SCALE N/A SIZE A 2233