4-WAY POWER DIVIDER
SURFACE MOUNT MODEL: M4D3040

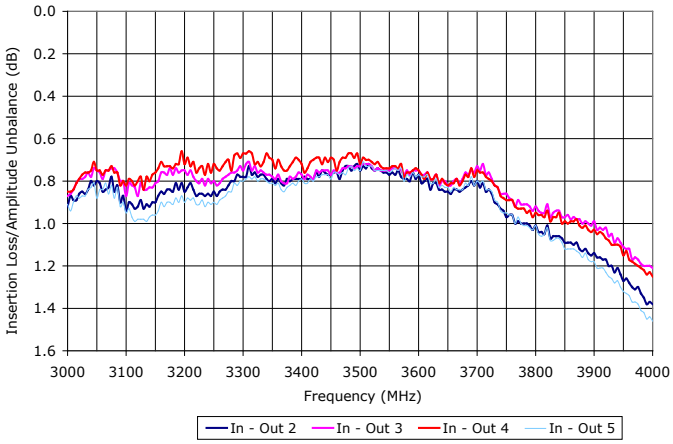
WIDE BANDWIDTH
3000 - 4000 MHz

FEATURES:

- **Excellent Performance**
- **Wide Bandwidth**
- **Small Size, Surface Mount**
- **Moderate Power**
- **Lead Free RoHS Compliant**
- **Patented REL-PRO® Technology**

APPLICATIONS:

- **Signal Splitting & Low Power Combining**

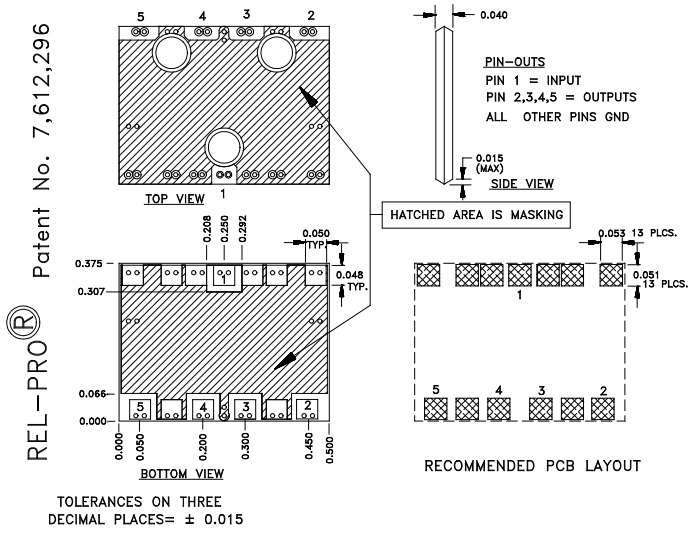


SPECIFICATIONS

Frequency	3000 - 4000 MHz	
Insertion Loss (dB) *	Typ.	Max.
	1.0	1.7
Isolation (dB)	Typ.	Min.
	20	15
Phase Unbalance	Typ.	Max.
	4.0°	8.0°
Amplitude Unbalance (dB)	Typ.	Max.
	0.2	0.5
Input Power **	1 Watt (Max.)	
VSWR	1.3:1 (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +85 °C	

** Above 6.0 dB theoretical split loss.*
*** Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.*

Package # 358



PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200 & AN7301

PORT CONFIGURATION		
Input	Output	GND
1	2,3,4,5	All Others

Copyright © Synergy Microwave Corporation
201 McLean Boulevard • Paterson, New Jersey 07504 • Tel: (973) 881-8800 • Fax: (973) 881-8361
E-Mail: sales@synergymwave.com • World Wide Web: http://www.synergymwave.com

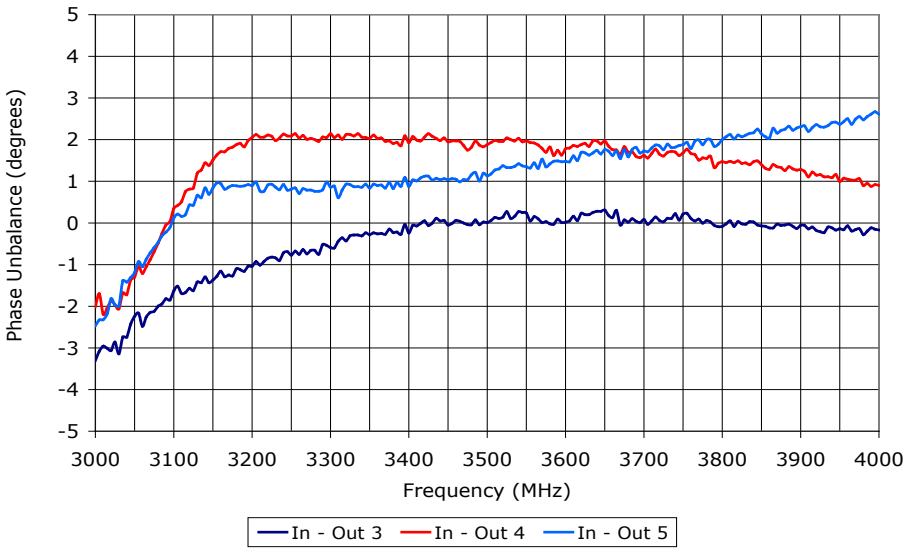
SYNERGY® MICROWAVE CORPORATION

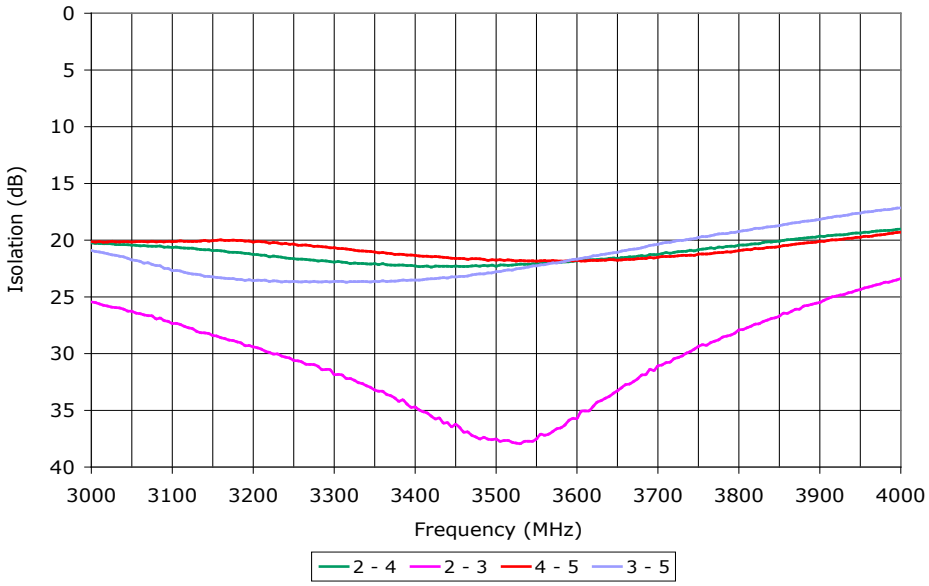
4-WAY POWER DIVIDER
SURFACE MOUNT MODEL: M4D3040

WIDE BANDWIDTH
3000 - 4000 MHz

DATA @ 25ºC

PERFORMANCE PLOTS





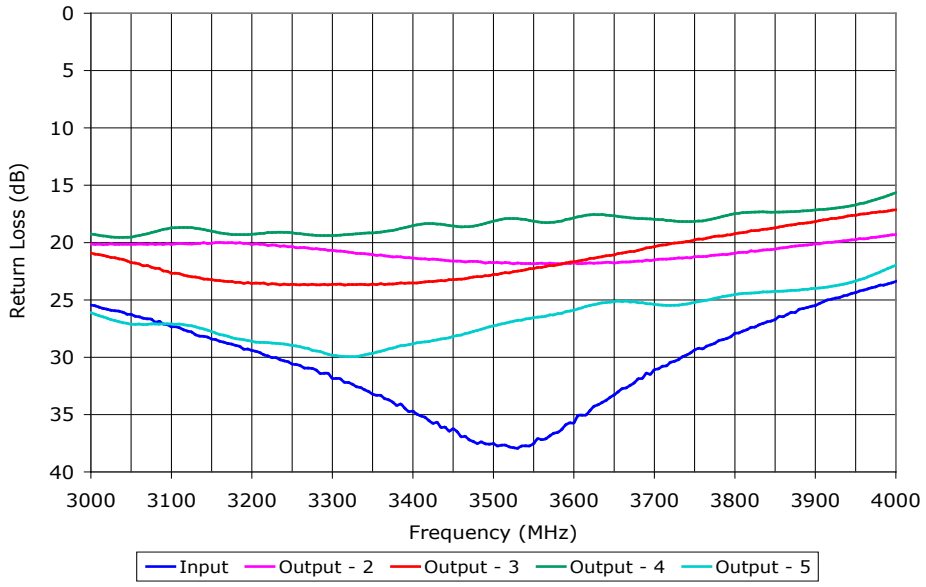
Copyright © Synergy Microwave Corporation
201 McLean Boulevard • Paterson, New Jersey 07504 • Tel: (973) 881-8800 • Fax: (973) 881-8361
E-Mail: sales@synergymwave.com • World Wide Web: http://www.synergymwave.com

SYNERGY® MICROWAVE CORPORATION

4-WAY POWER DIVIDER
SURFACE MOUNT MODEL: M4D3040

WIDE BANDWIDTH
3000 - 4000 MHz

DATA @ 25ºC



PERFORMANCE PLOTS

Copyright © Synergy Microwave Corporation
201 McLean Boulevard • Paterson, New Jersey 07504 • Tel: (973) 881-8800 • Fax: (973) 881-8361
E-Mail: sales@synergymwave.com • World Wide Web: http://www.synergymwave.com

SYNERGY® MICROWAVE CORPORATION