

4-WAY POWER DIVIDER

SURFACE MOUNT MODEL: M4D1626

WIDE BANDWIDTH

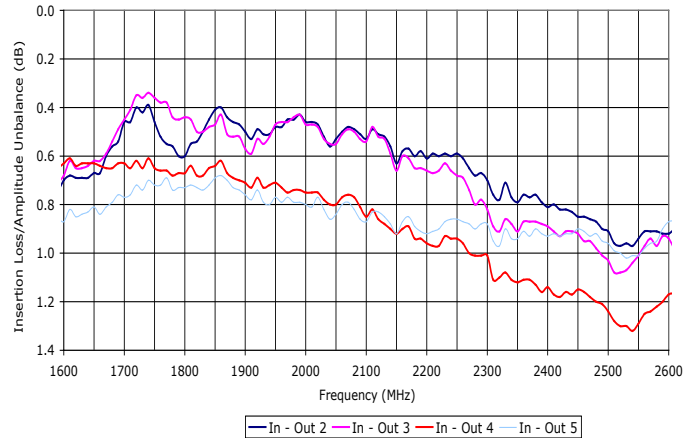
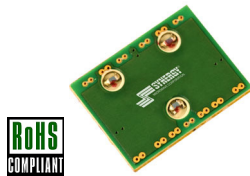
1600 - 2600 MHz

FEATURES:

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

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining

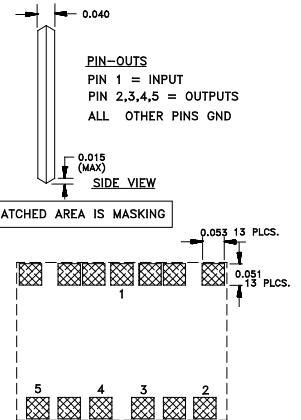
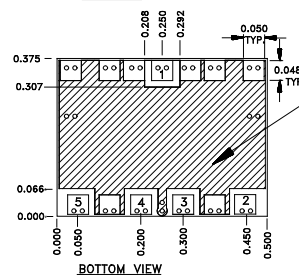
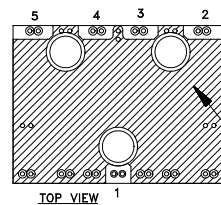


SPECIFICATIONS

Frequency	1600 - 2600 MHz	
Insertion Loss (dB) *	Typ.	Max.
	0.5	1.5
Isolation (dB)	Typ.	Min.
	20	12
Phase Unbalance	Typ.	Max.
	6°	10°
Amplitude Unbalance (dB)	Typ.	Max.
	0.4	0.7
Input Power **	1 Watt (Max.)	
VSWR	1.3:1 (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-30 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

REL-PRO® Patent No. 7,612,296



RECOMMENDED PCB LAYOUT

TOLERANCES ON THREE
DECIMAL PLACES= ± 0.015

PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200 & AN7301

PORT CONFIGURATION

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

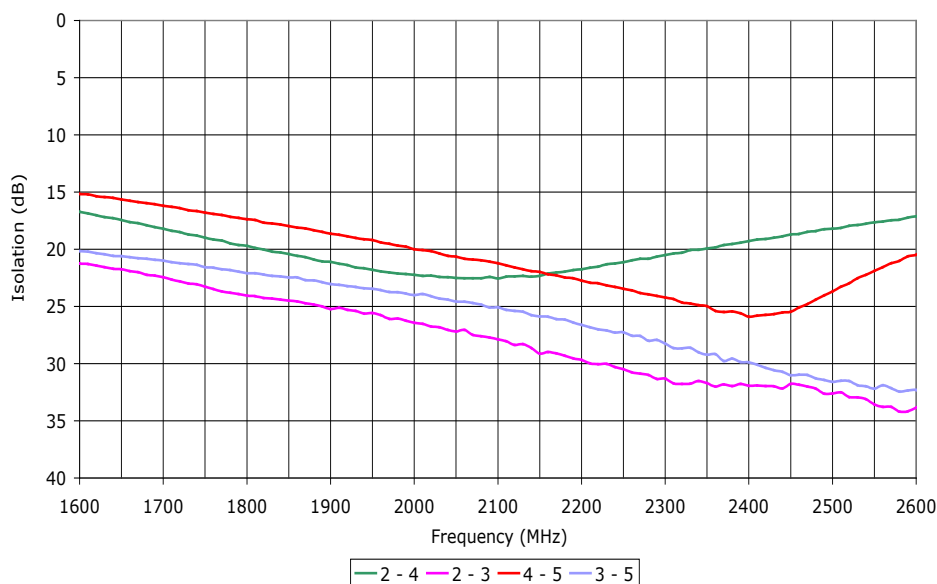
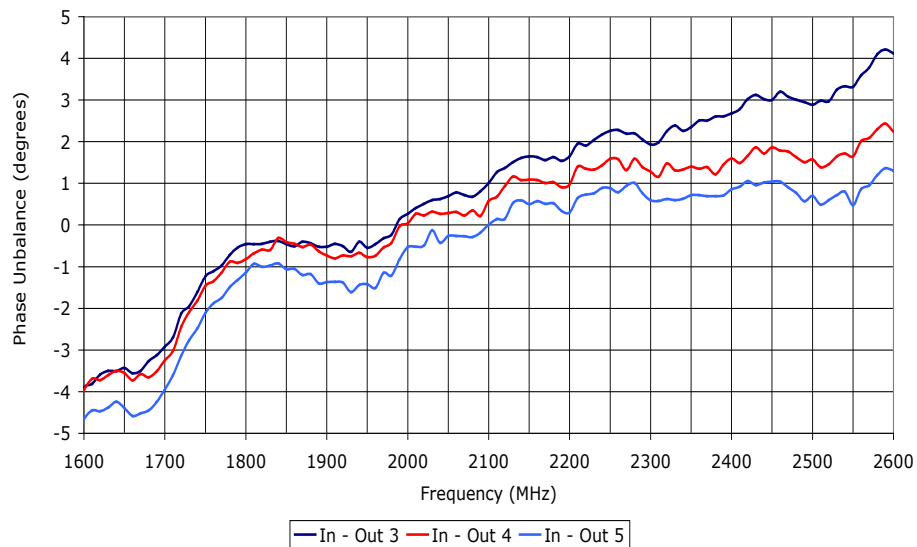
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PERFORMANCE PLOTS



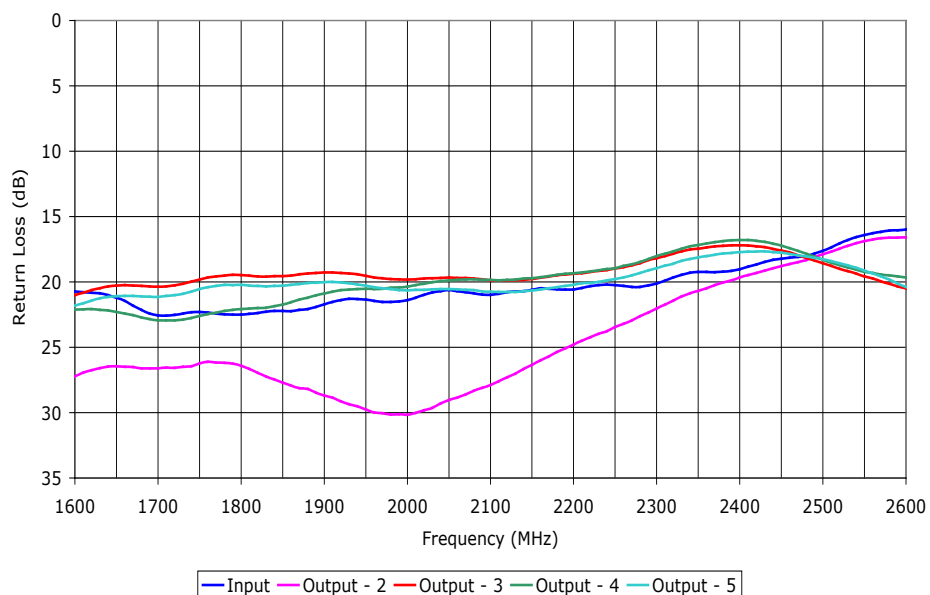
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