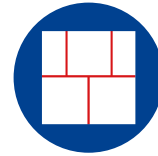


# Data Sheet

## PD2150U03-090

### Power Divider/Combiner

#### 2-Way 0° 50Ω 1.90-2.35 GHz



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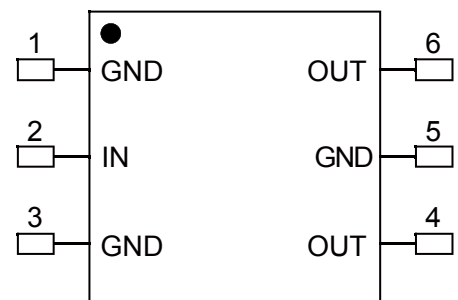
### Features

- Small Size (2×2mm DFN package)
- No need external 100 Ω resistor
- Very Low Loss
- Tight Amplitude Balance
- High Isolation
- Low VSWR
- Good Repeatability
- Tape & Reel
- Operating Temperature -40 ~85
- Power handling
  - 2 Watts as a divider
  - 1 Watts as a combiner



### Applications

- Wireless communications
- WLAN / WiMax
- SAT Radio
- ISM band instrument
- Information System for Automotive Safety



TOP VIEW

### Electrical Specifications at 25° C

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	F	1900		2350	MHz
Insertion Loss (Above 3dB)	I <sub>L</sub>		0.35		dB
Isolation	Isol		20		dB
Phase balance	∅ <sub>bal</sub>		±0.5		deg
Amplitude balance	A <sub>bal</sub>		±0.1		dB
Input VSWR			1.2		
Output VSWR			1.2		

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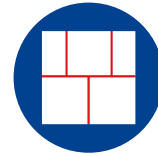
For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

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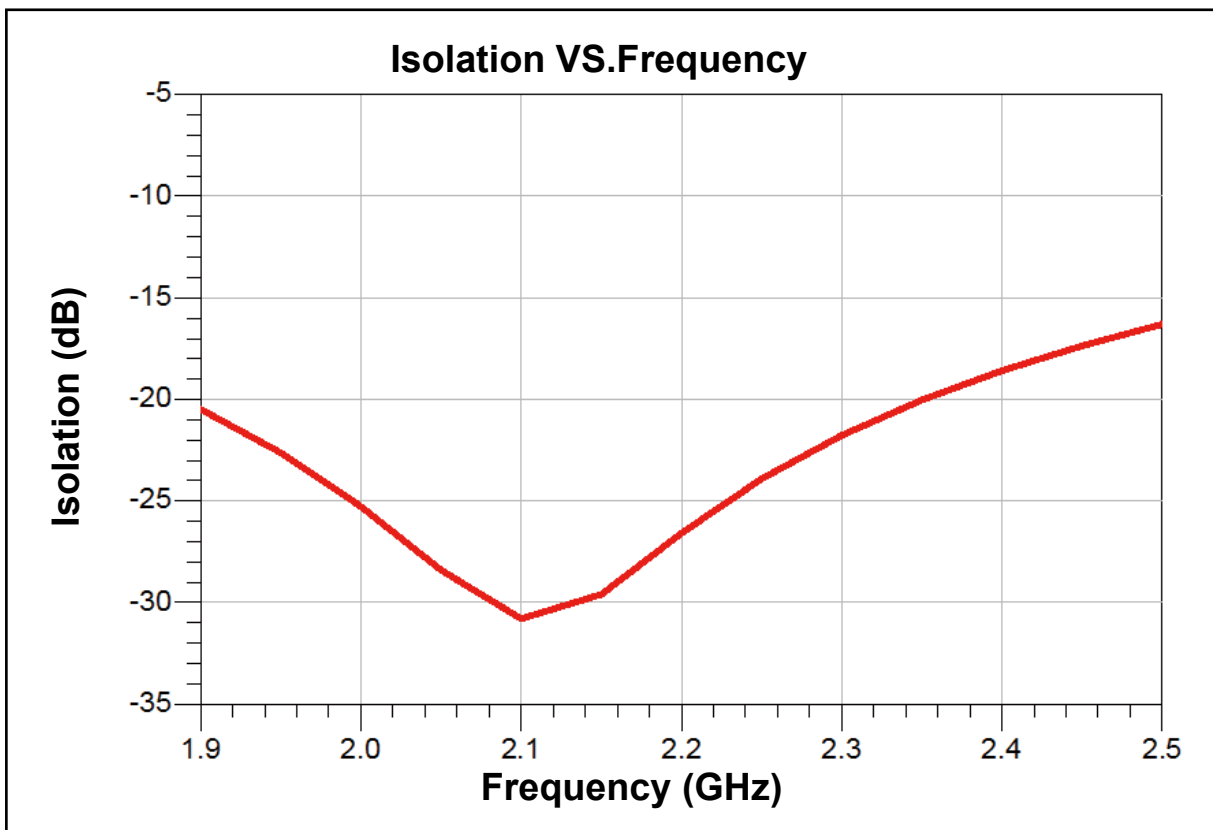
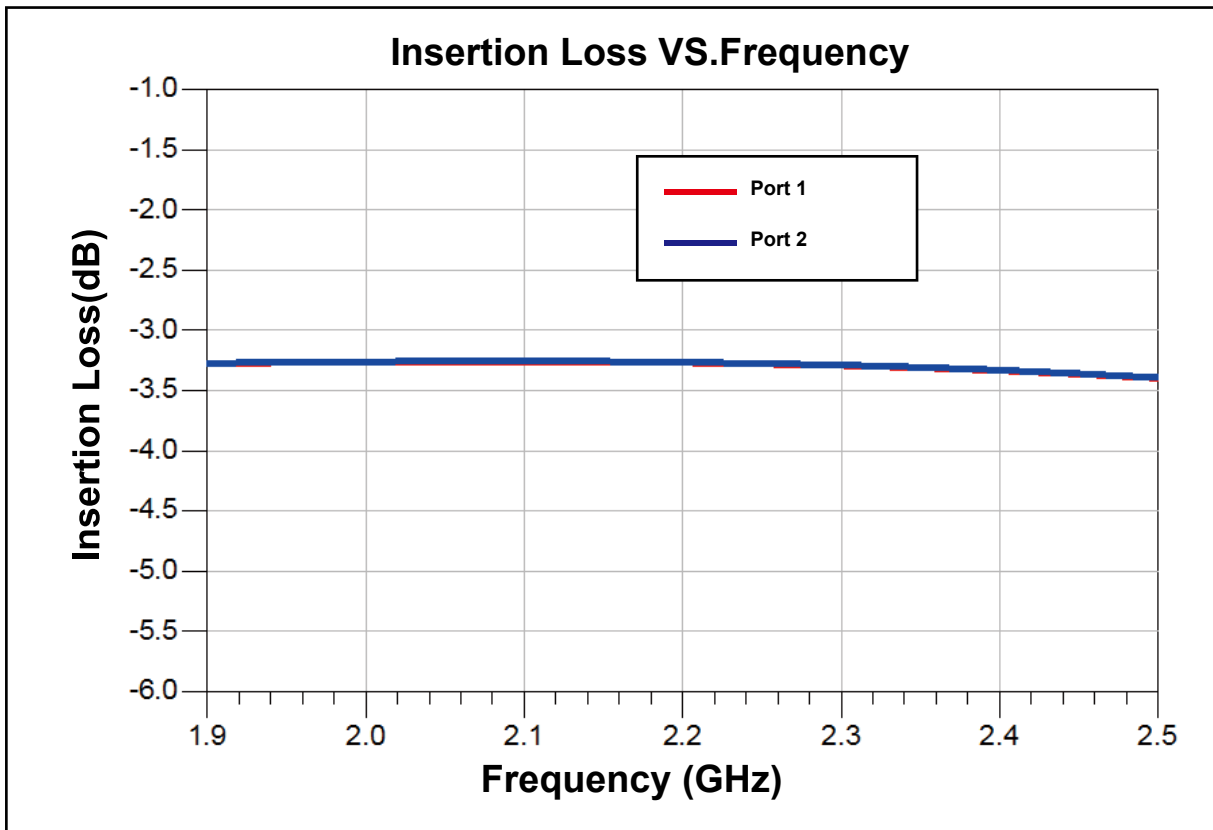
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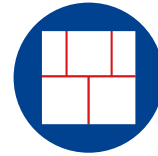
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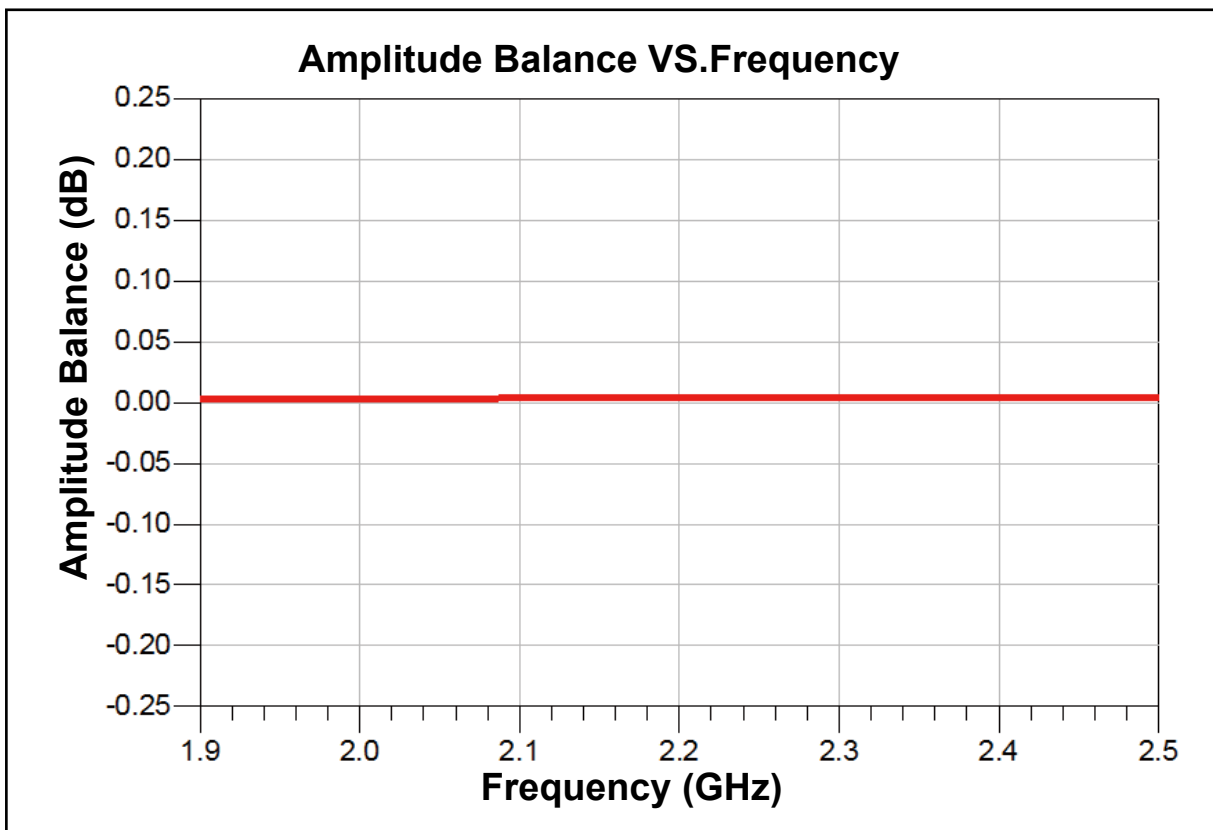
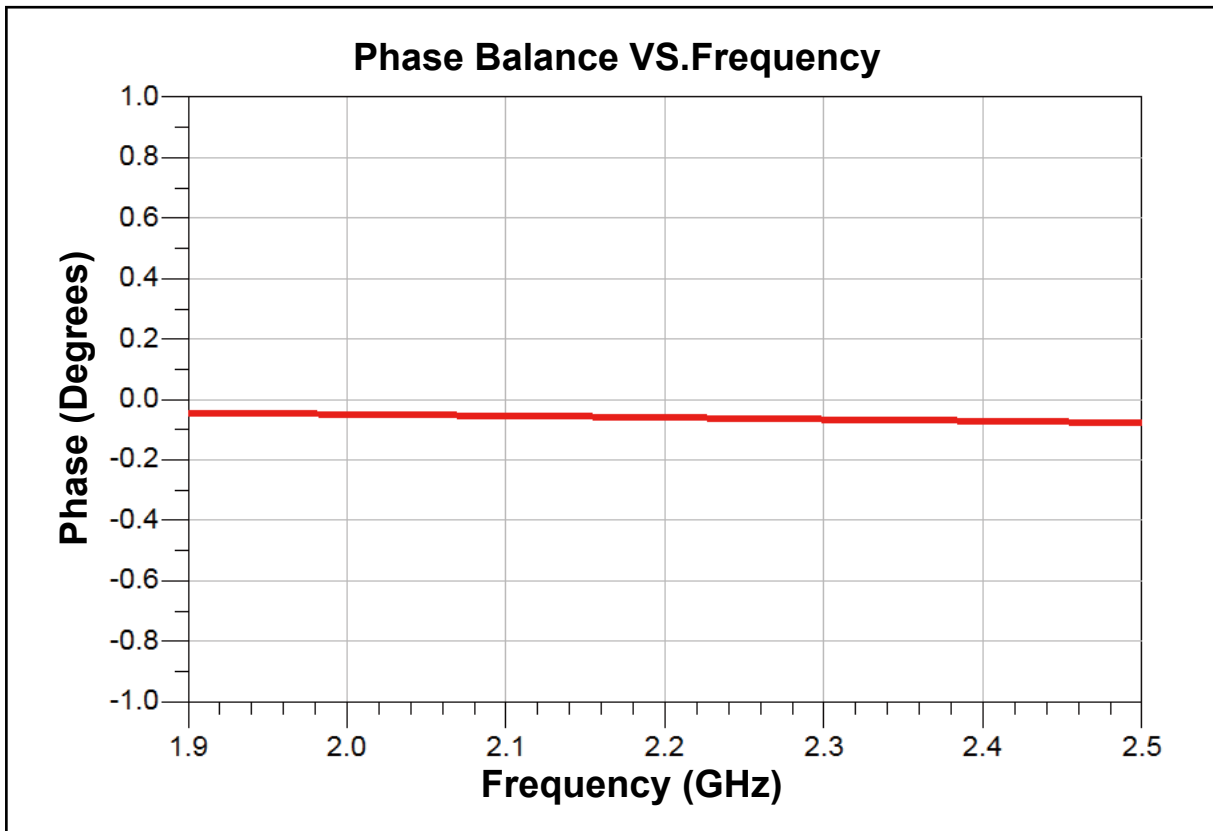
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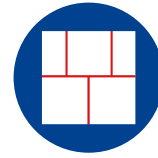
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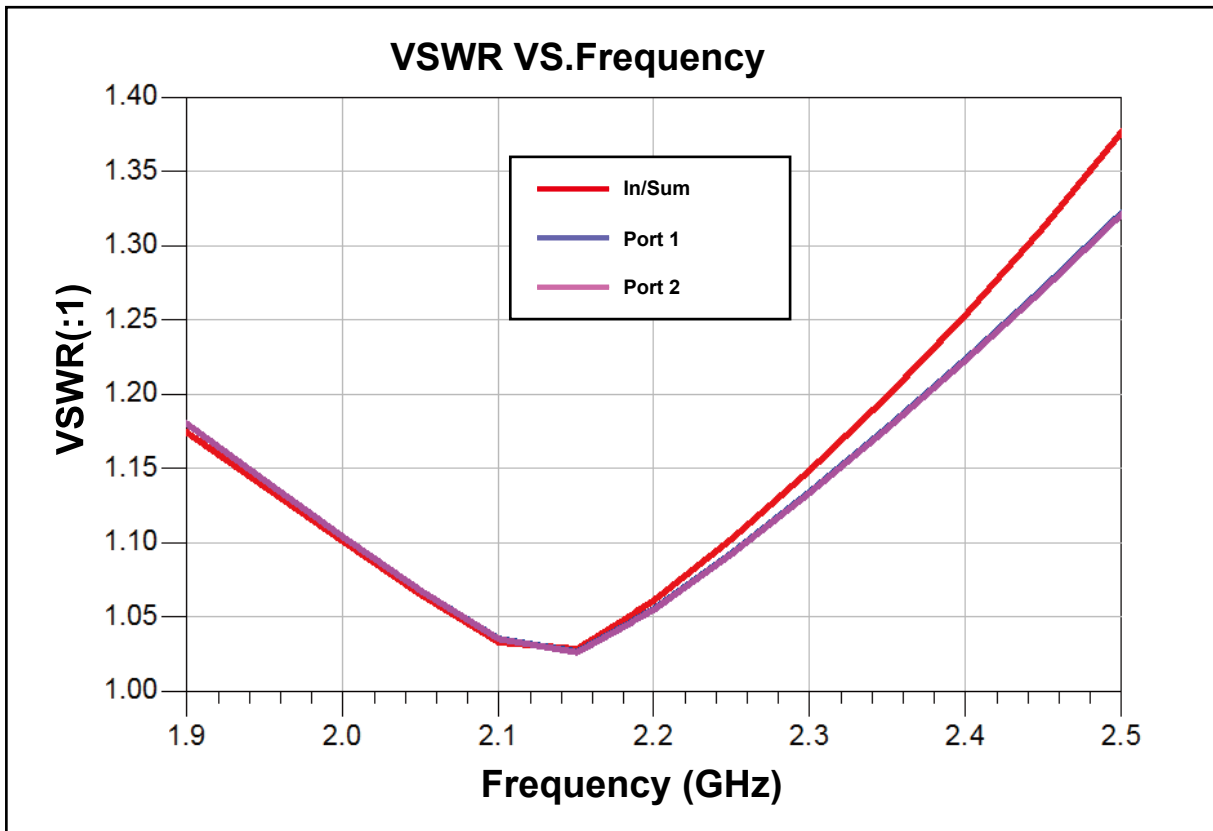
# Data Sheet

## PD2150U03-090

Power Divider/Combiner  
2-Way 0° 50Ω 1.90-2.35 GHz



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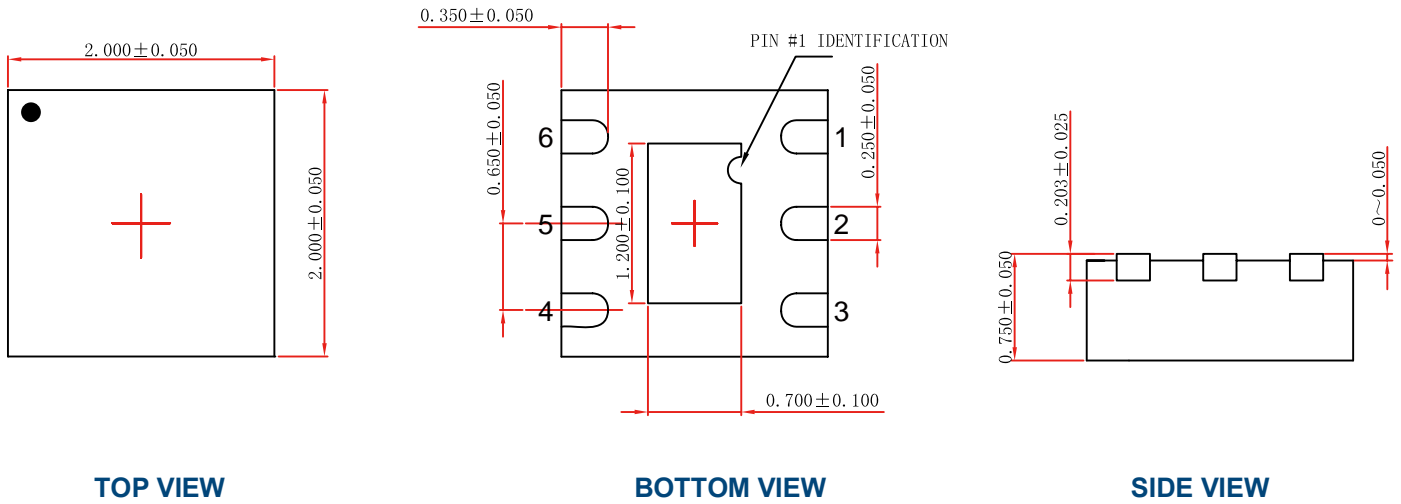
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### Power Divider/Combiner

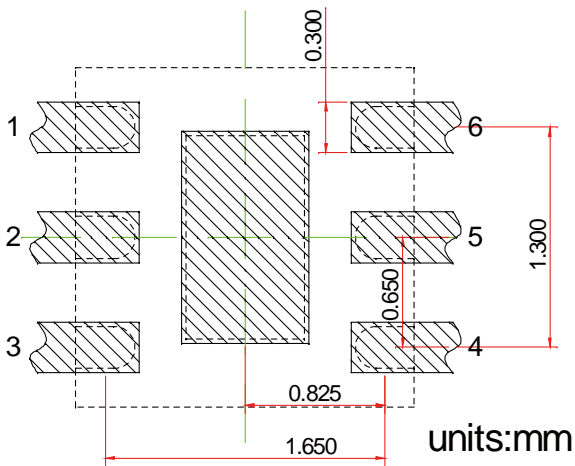
### 2-Way 0° 50Ω 1.90-2.35 GHz



## Outline Drawing



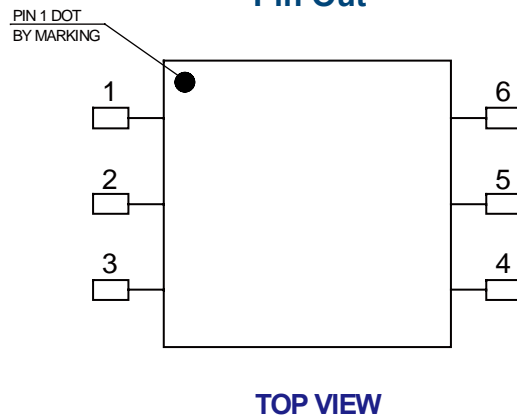
## Land Pattern



## Recommended Land Pattern Top View

**Notes:** All dimensions show in millimeters

## Pin Out



Pin #	Connection
1	GND
2	IN
3	GND
4	OUT
5	GND
6	OUT

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