

PD2450U03-M1

Power Divider/Combiner

2-Way 0° 50Ω 2.20-2.65 GHz



Features

- Very Low Loss
- Tight Amplitude Balance
- High Isolation
- Low VSWR
- Good Repeatability
- Operating Temperature -40 ~85
- Power handling
 - 2 Watts as a divider
 - 1 Watts as a combiner
- SMA connector



Applications

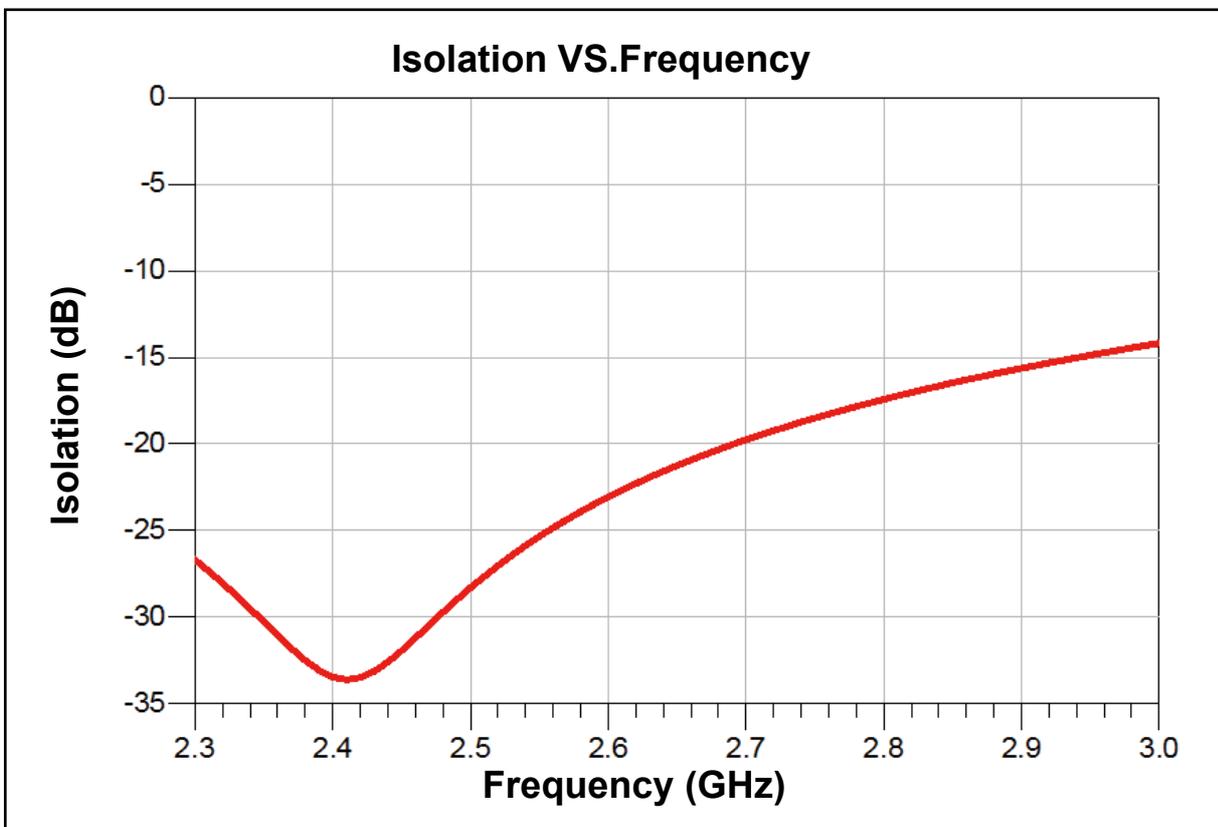
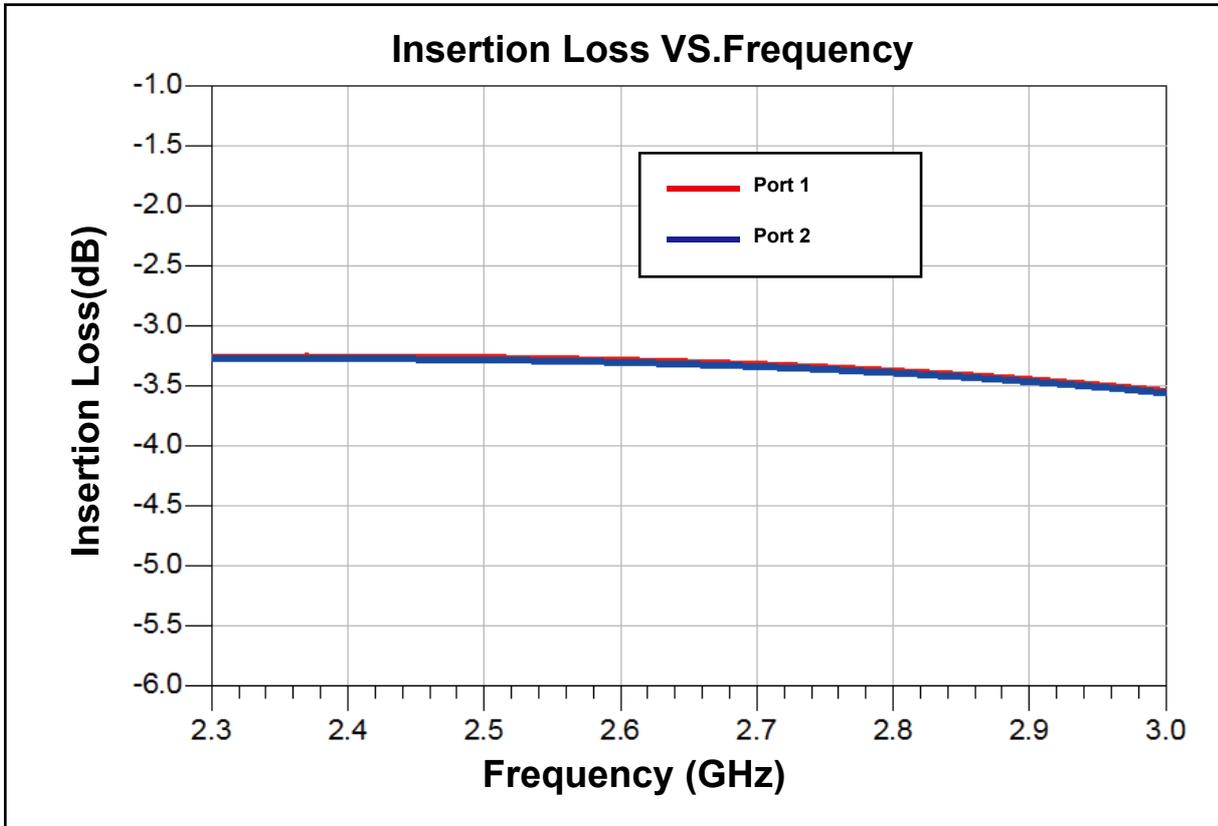
- Wireless communications
- WLAN / WiMax
- SAT Radio
- ISM band instrument
- Information System for Automotive Safety



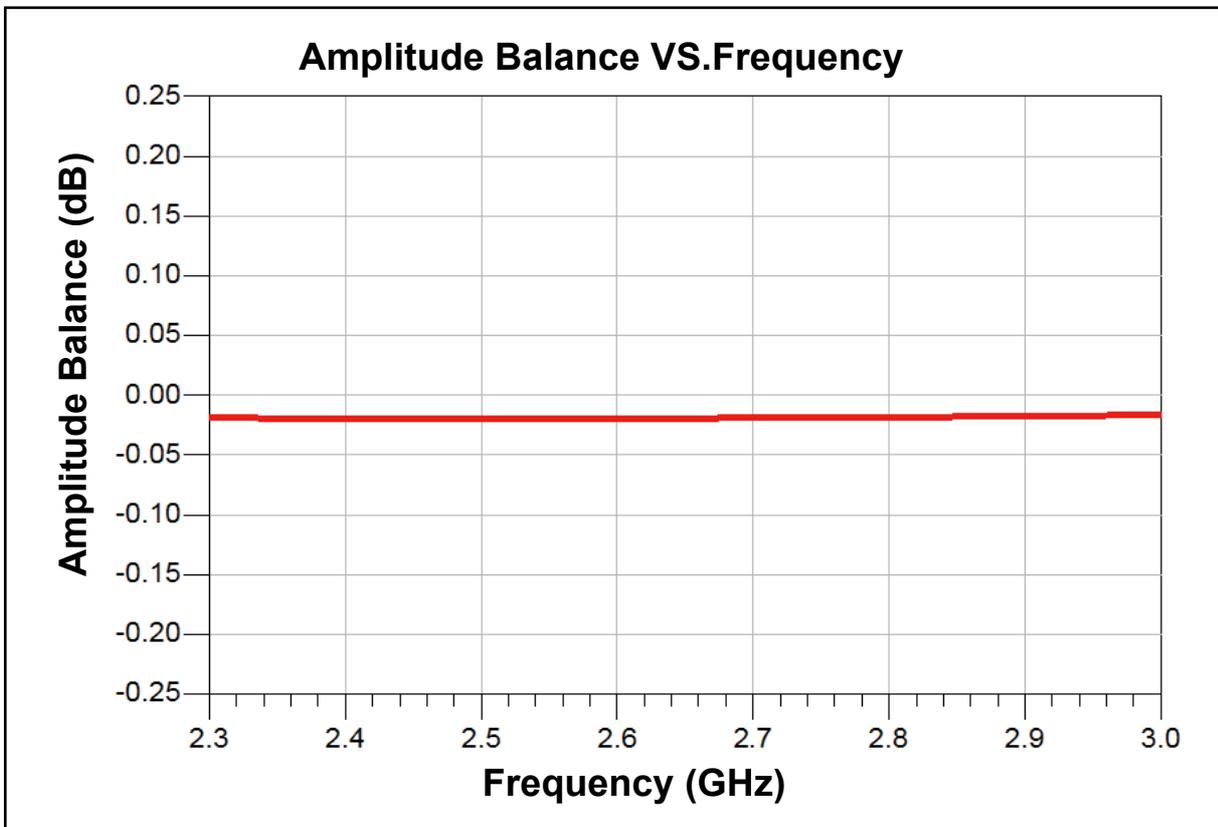
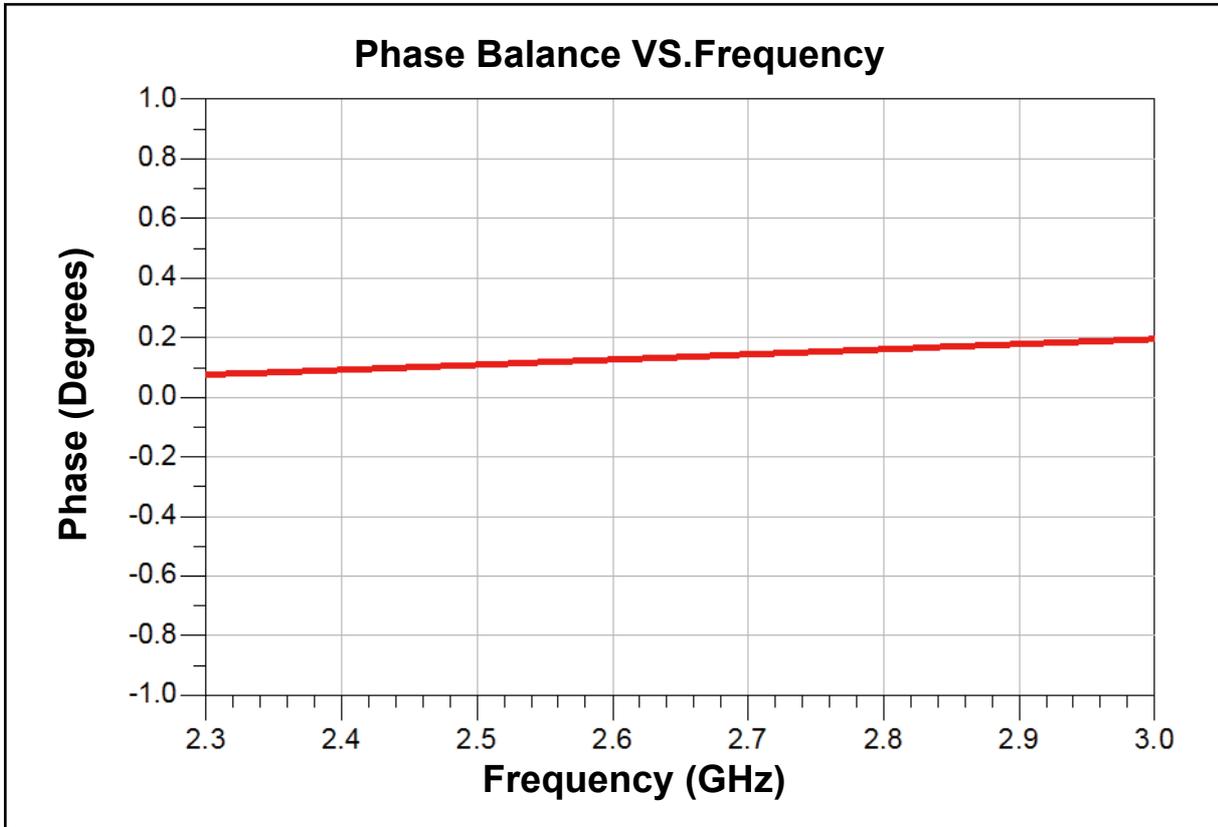
Electrical Specifications at 25° C

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	F	2200		2650	MHz
Insertion Loss (Above 3dB)	I_L		0.35		dB
Isolation	Isol		20		dB
Phase balance	θ_{bal}		± 0.5		deg
Amplitude balance	A_{bal}		± 0.1		dB
Input VSWR			1.2		
Output VSWR			1.2		

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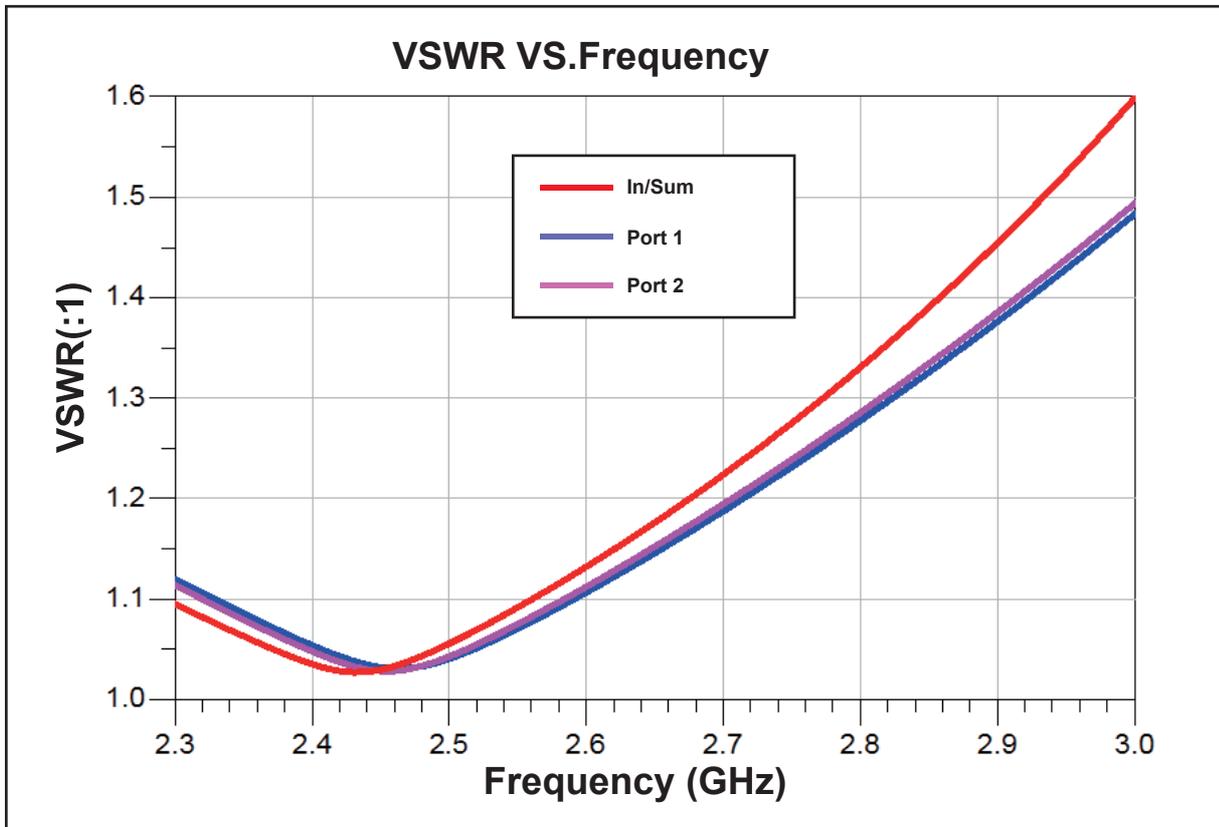


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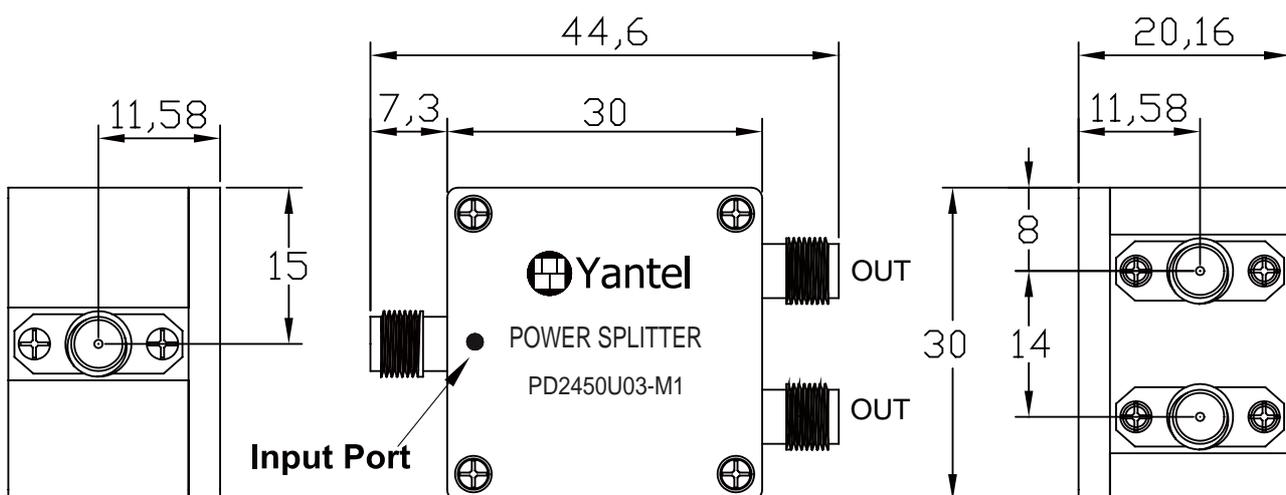


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Outline Drawing



NOTE:

- 1.All dimensions shown in mm(tolerance: +/-0.05) unless stated otherwise
- 2.RoHs Compliant in accordance with EU Directive(2002/95/EC)