

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

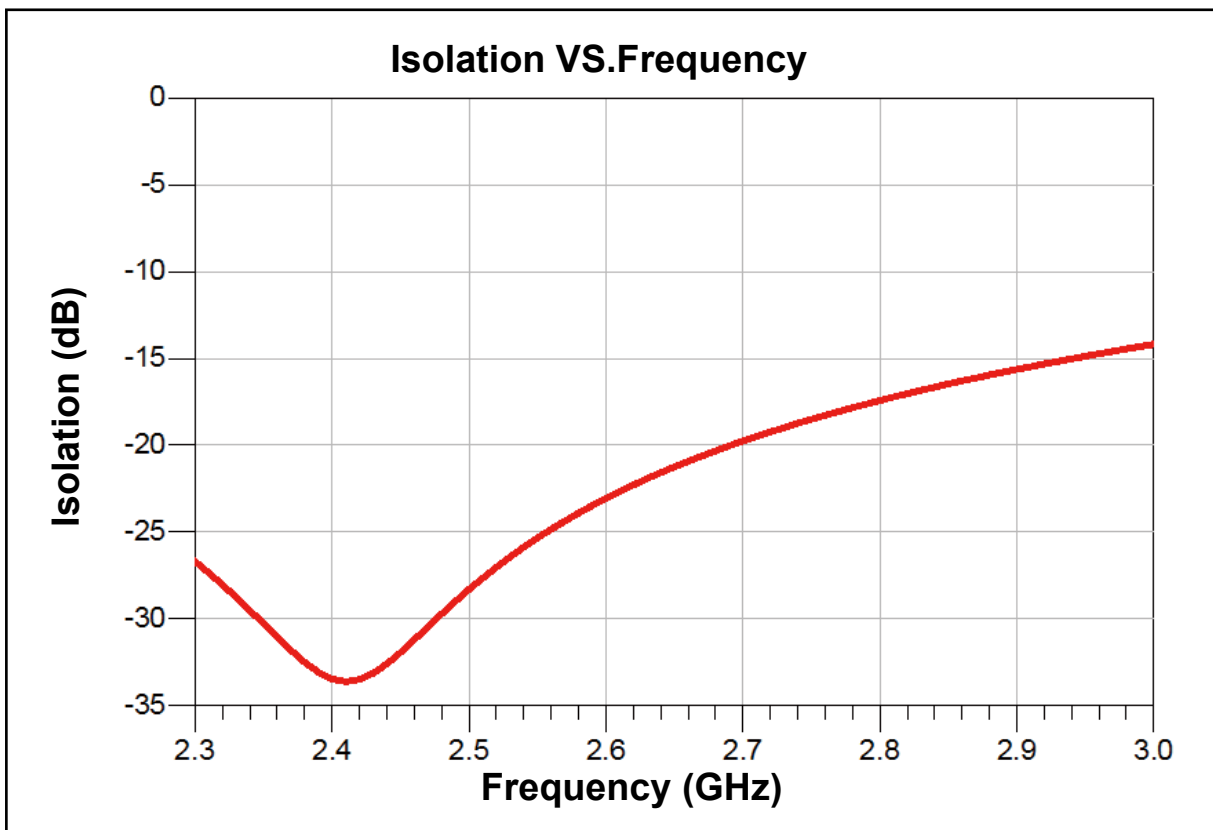
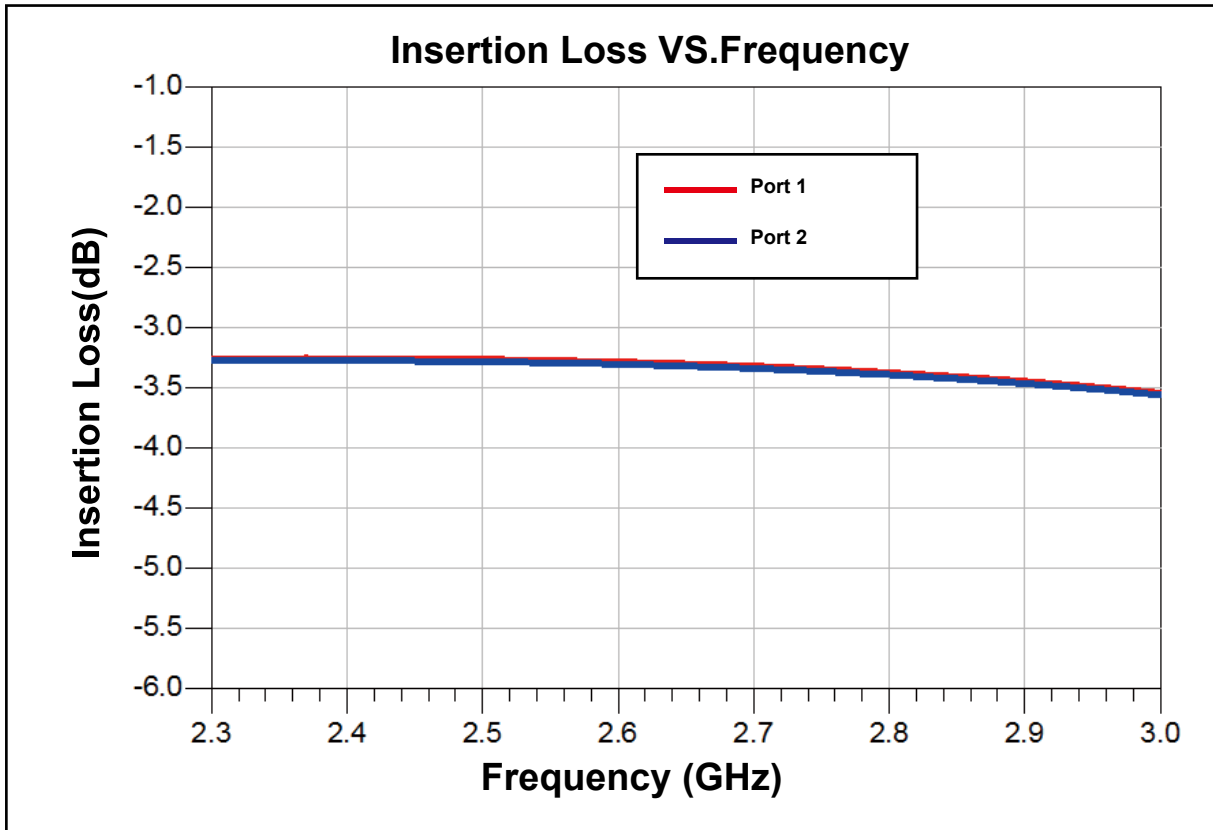


Electrical Specifications at 25° C

| 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 | ∅ _{bal} | | ±0.5 | | deg |
| Amplitude balance | A _{bal} | | ±0.1 | | dB |
| Input VSWR | | | 1.2 | | |
| Output VSWR | | | 1.2 | | |

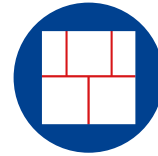
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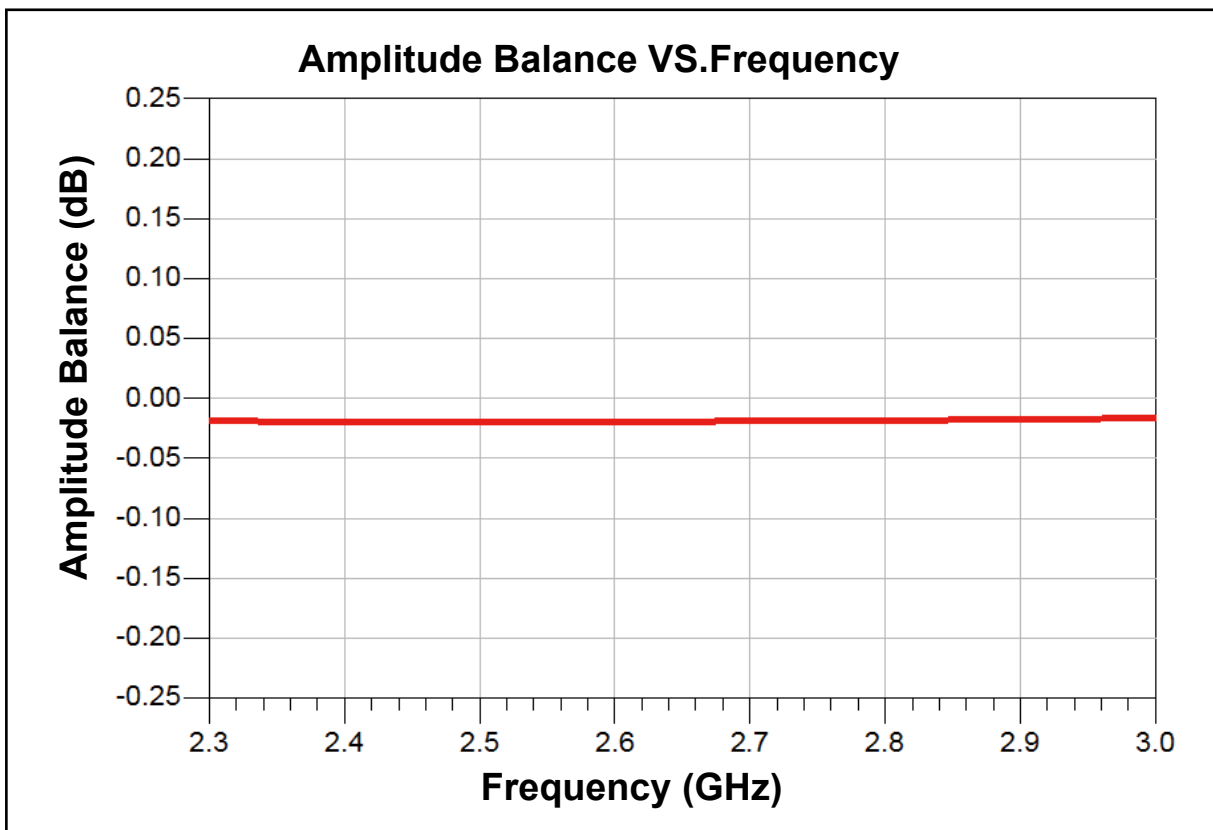
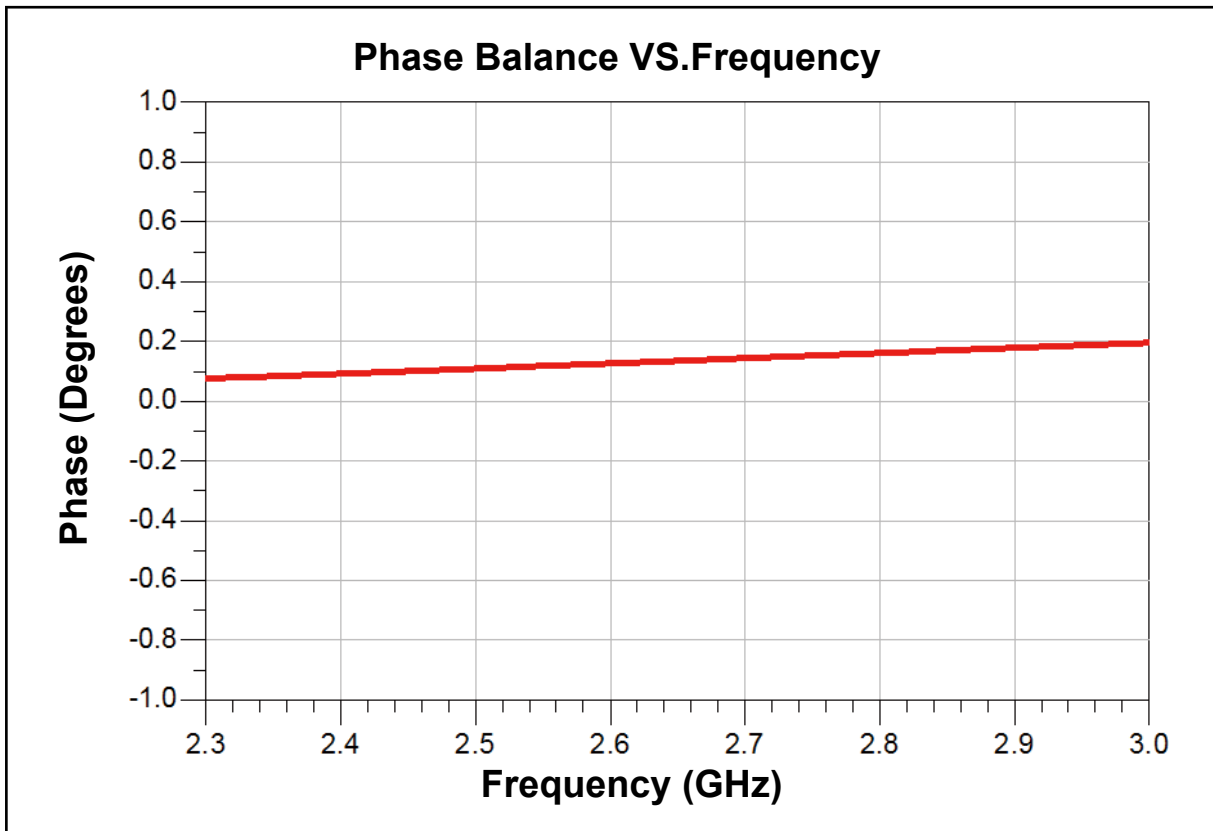


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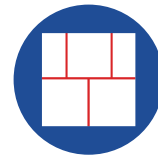
Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

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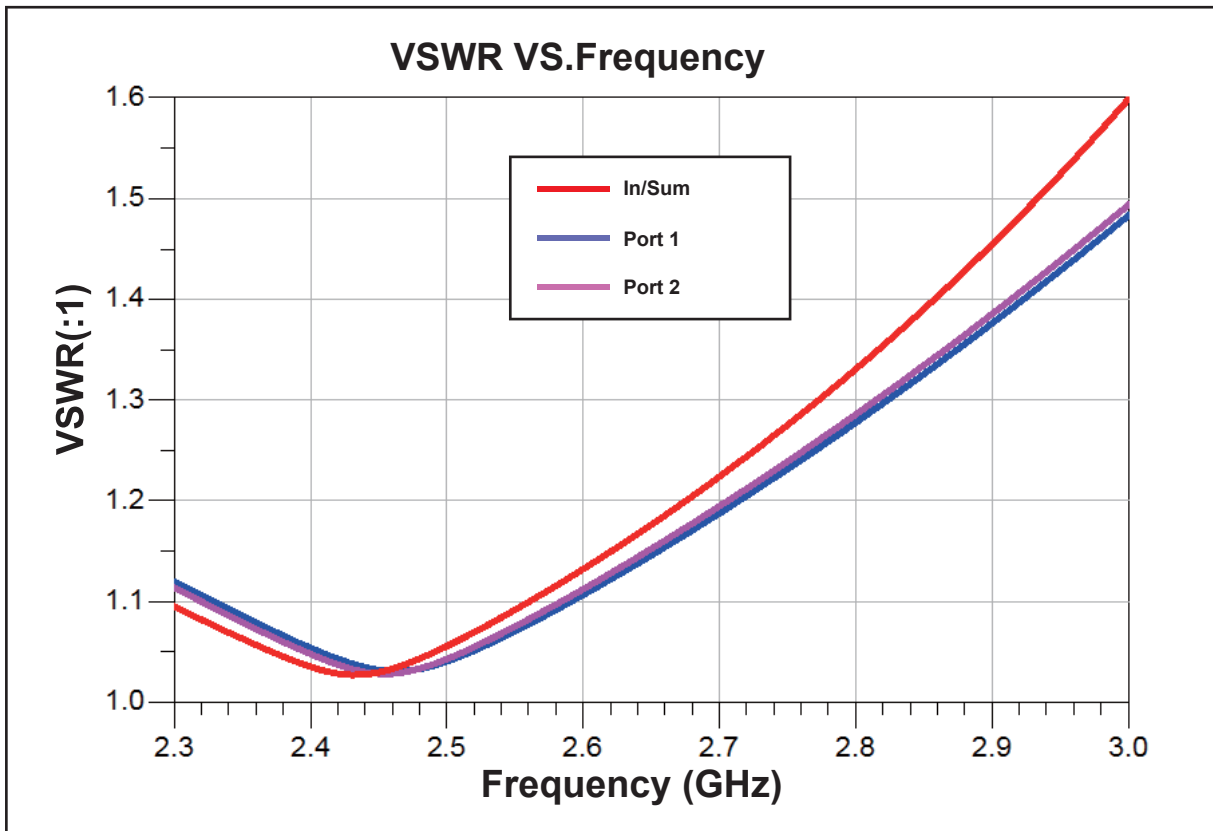
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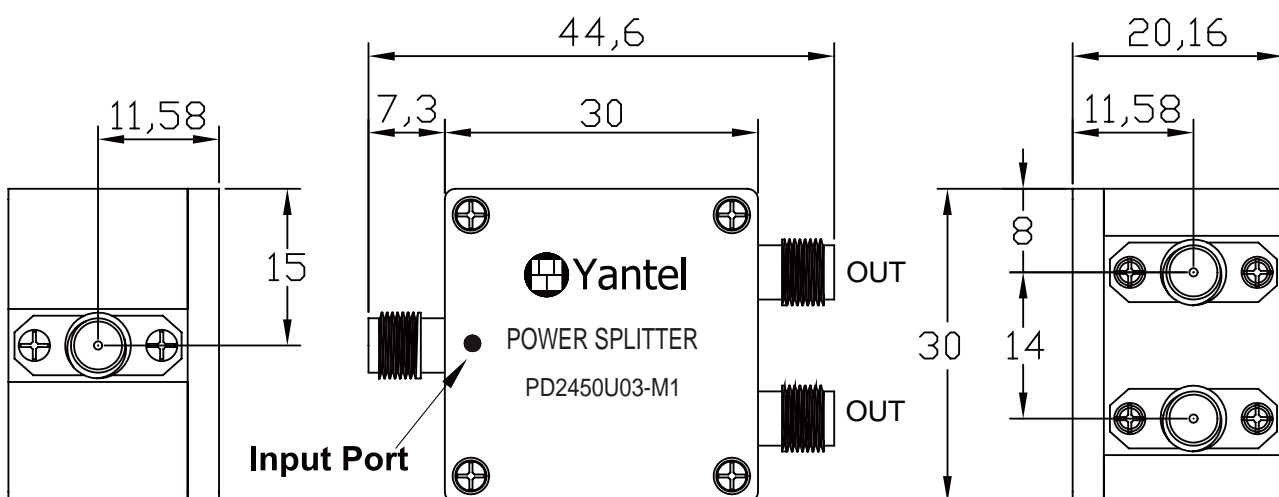


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Outline Drawing



NOTE:

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

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