

PD1500U03-M1

Power Divider/Combiner

2-Way 0° 50Ω 1.35-1.65 GHz



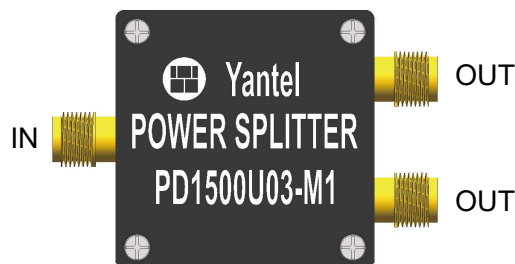
Features

- Very Low Loss
- Tight Amplitude Balance
- High Isolation
- Low VSWR
- Good Repeatability
- Operating Temperature -40°C~85°C
- 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	FR	1350		1650	MHz
Insertion Loss (Above 3dB)	IL		0.25	0.35	dB
Isolation	Isol	20	25.5		
Phase balance	Φ bal		1.10	1.50	deg
Amplitude balance	Abal		0.05	0.1	dB
Input VSWR			1.10	1.30	
Output VSWR			1.10	1.25	

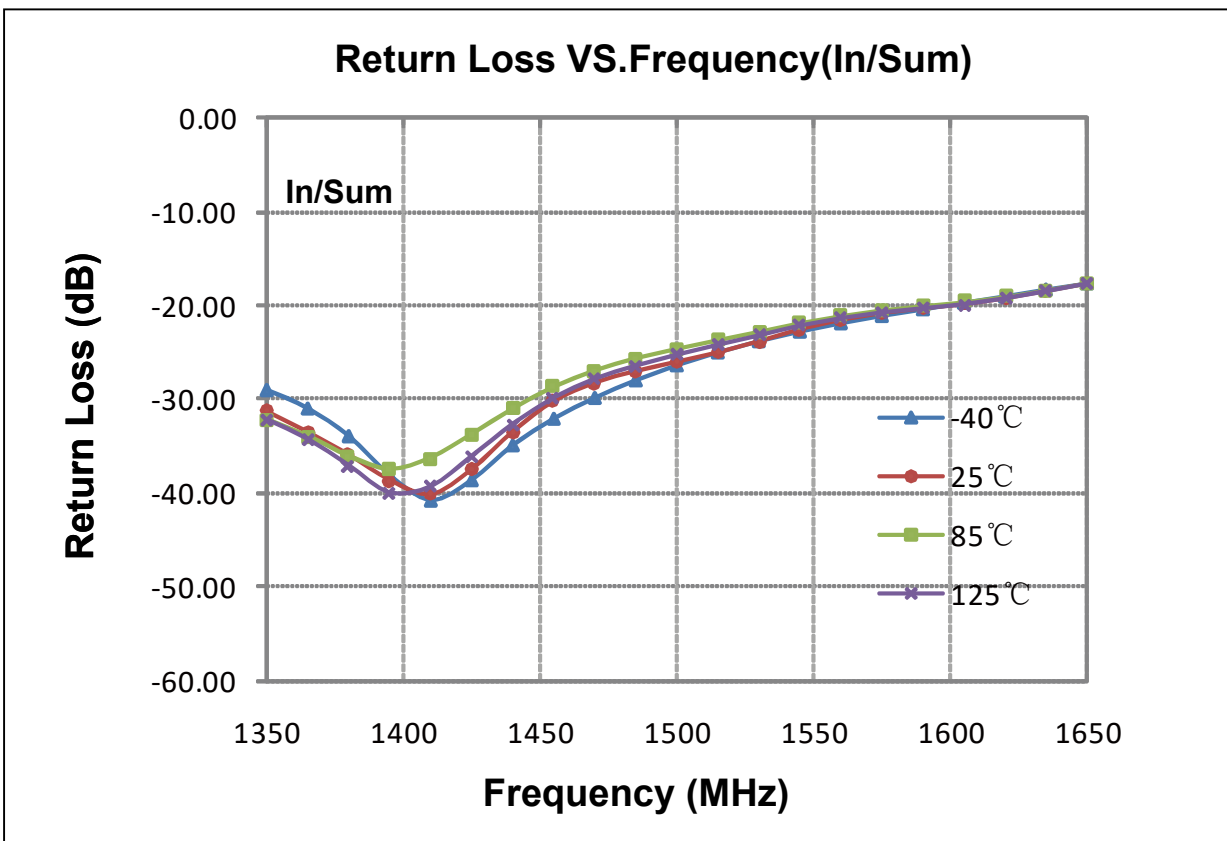
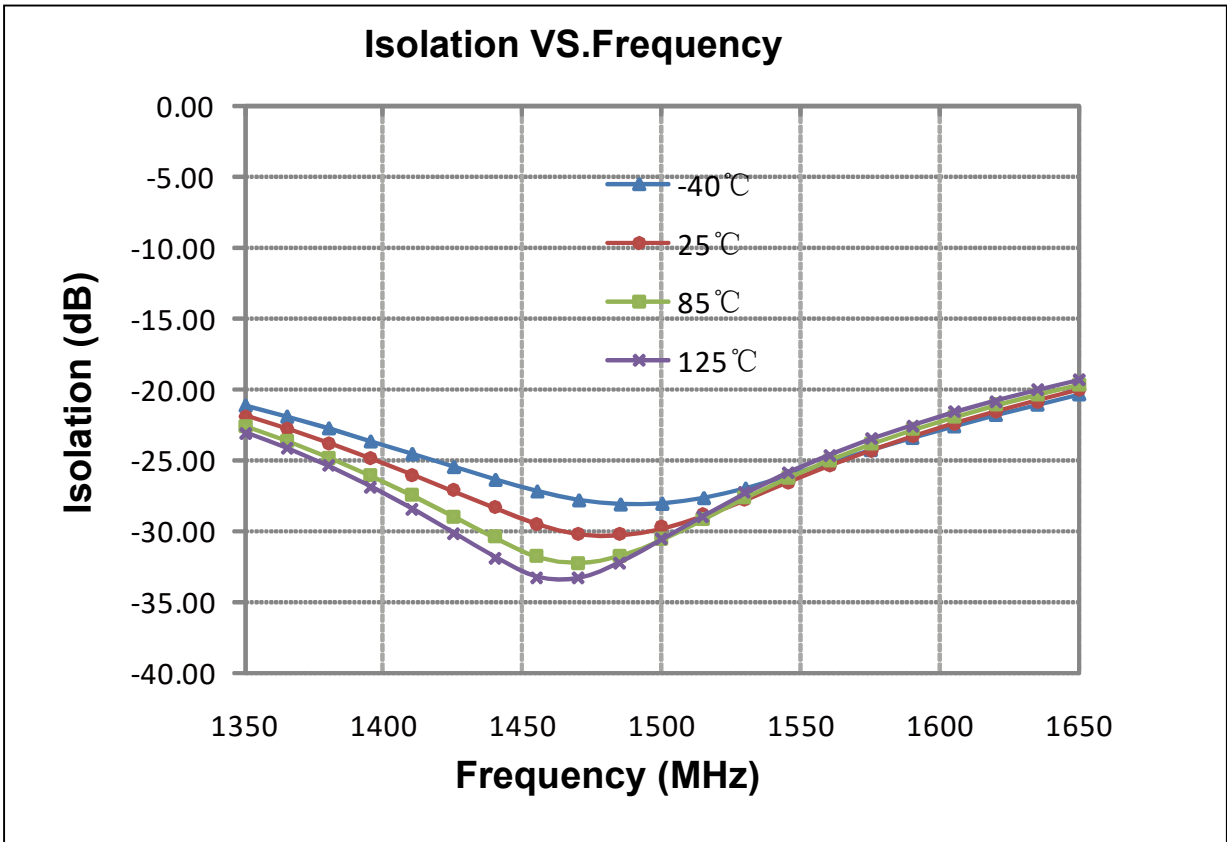
Yantel Corporation

Add: 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China

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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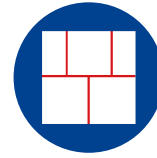
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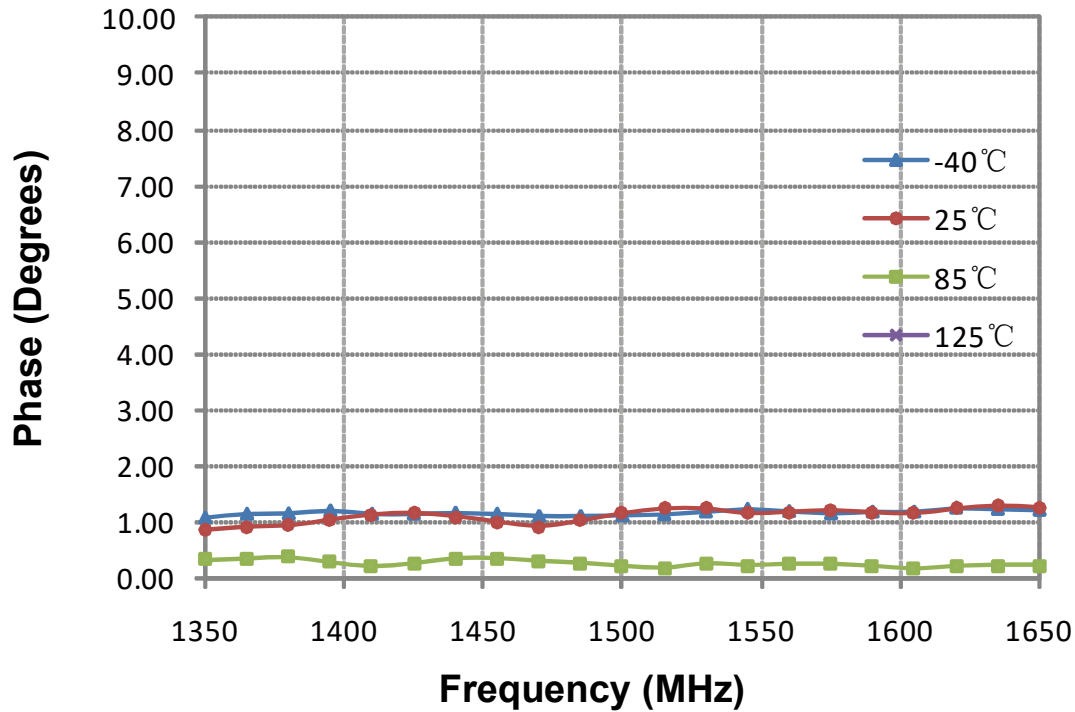
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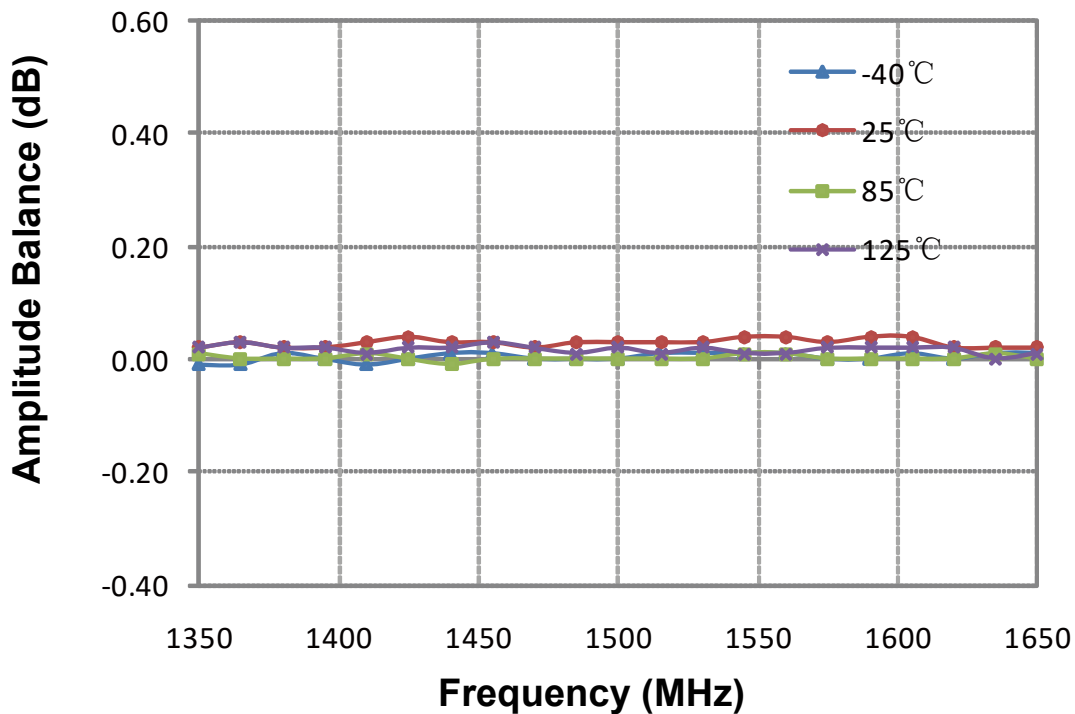
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Key Patents Lead Microwave Tech

Phase Balance VS.Frequency



Amplitude Balance VS.Frequency



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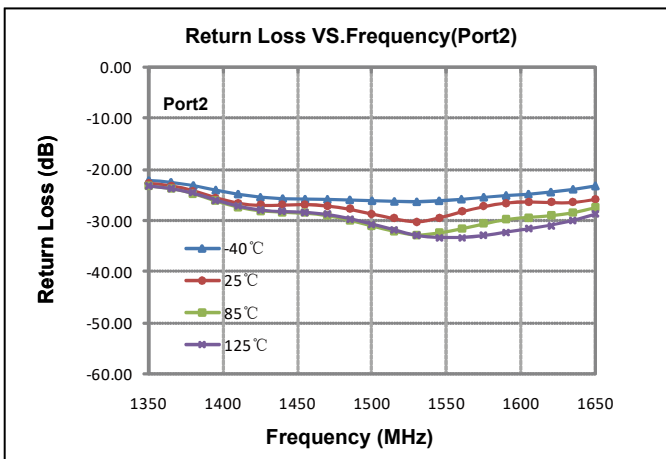
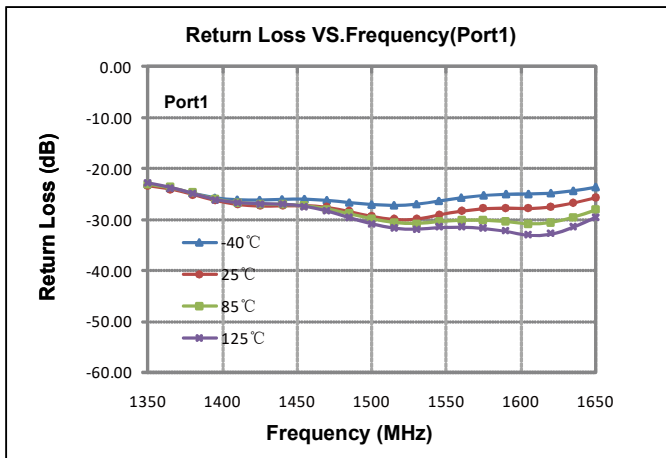
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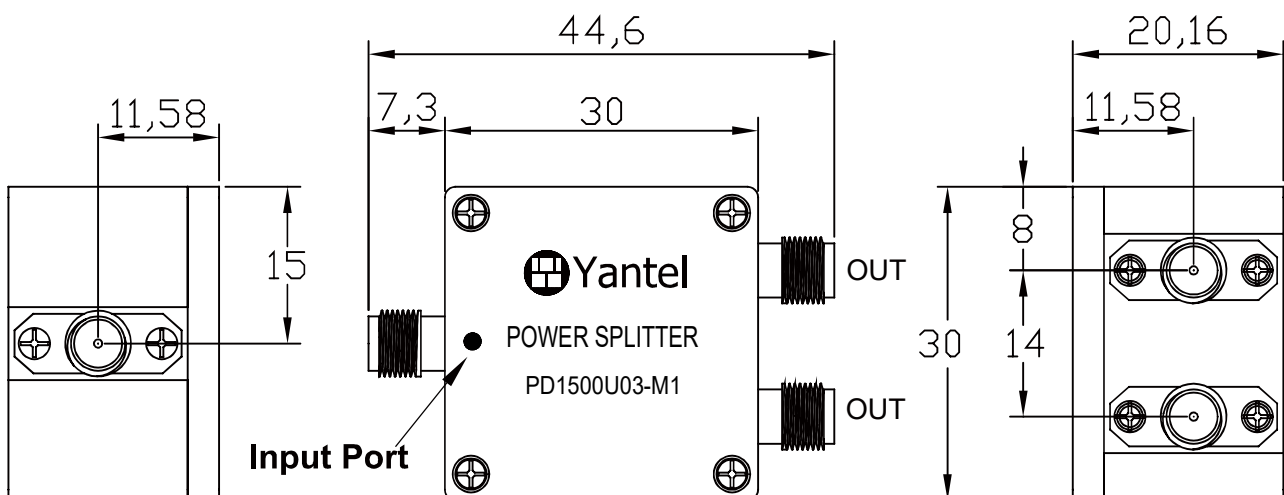
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Outline Drawing



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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