

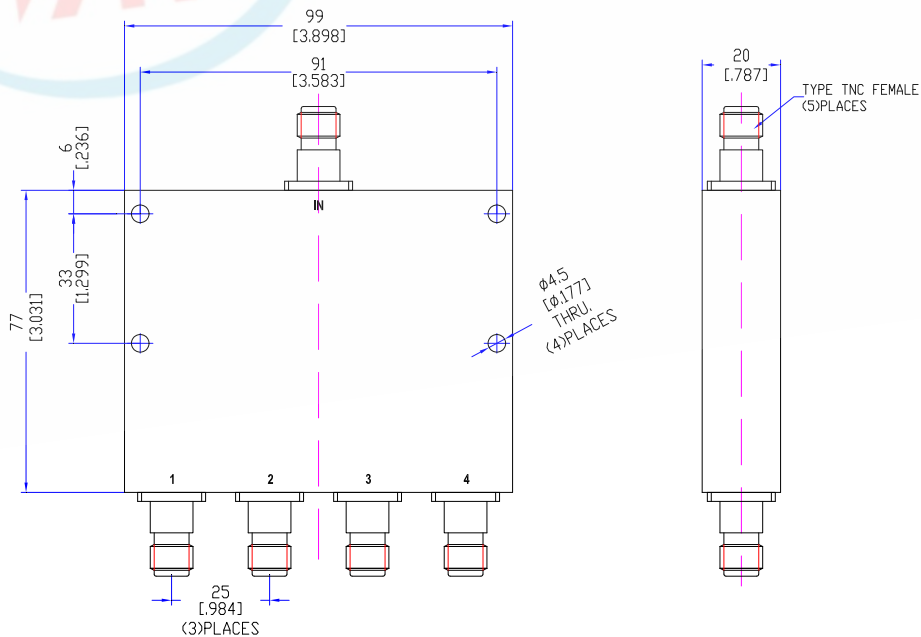
Model TPD1020T4

Features

- Excellent phase & amplitude balance
- Low Insertion Loss & VSWR
- High Isolation

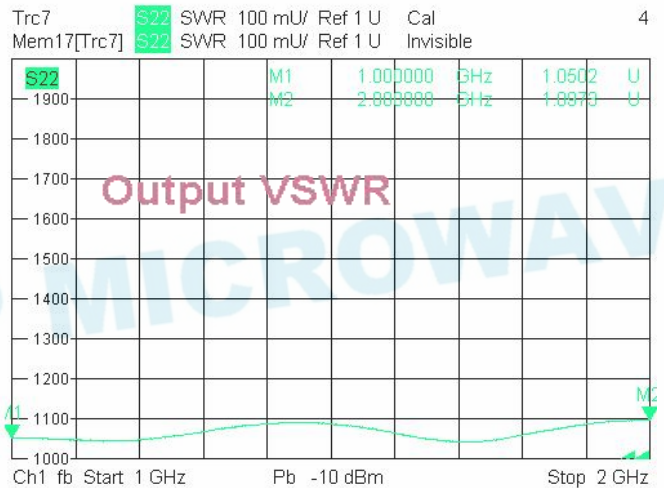
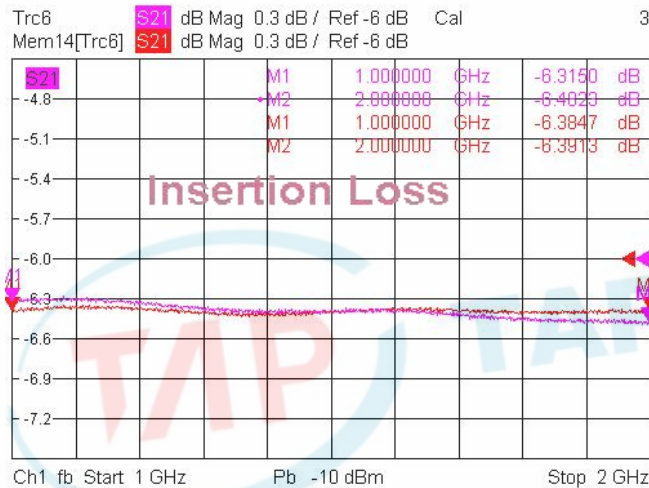
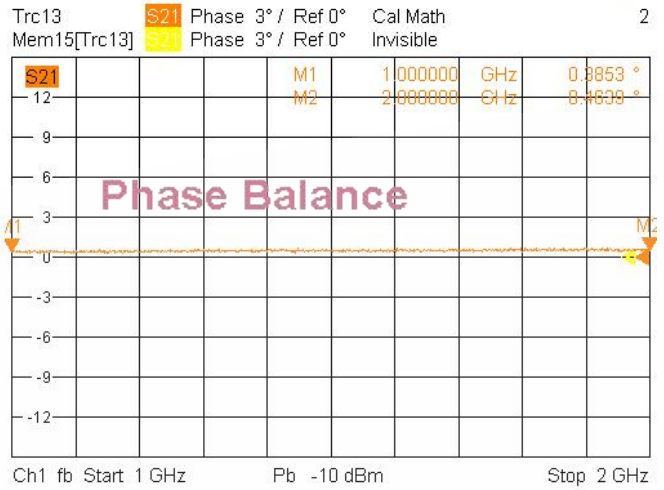
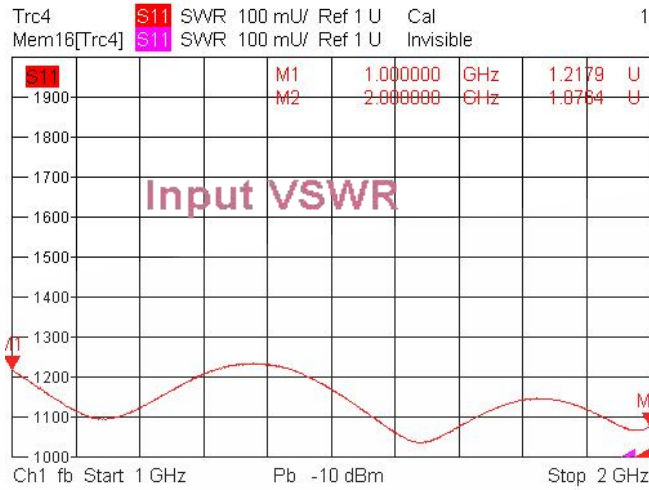
Technical Data Sheet			
Frequency Range	1~2GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.0dB (Above 6.02dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.30:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.3dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±3°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	210g
Port Connectors	TNC-Female		

¹Power Handling guaranteed when load's VSWR within 1.50:1.



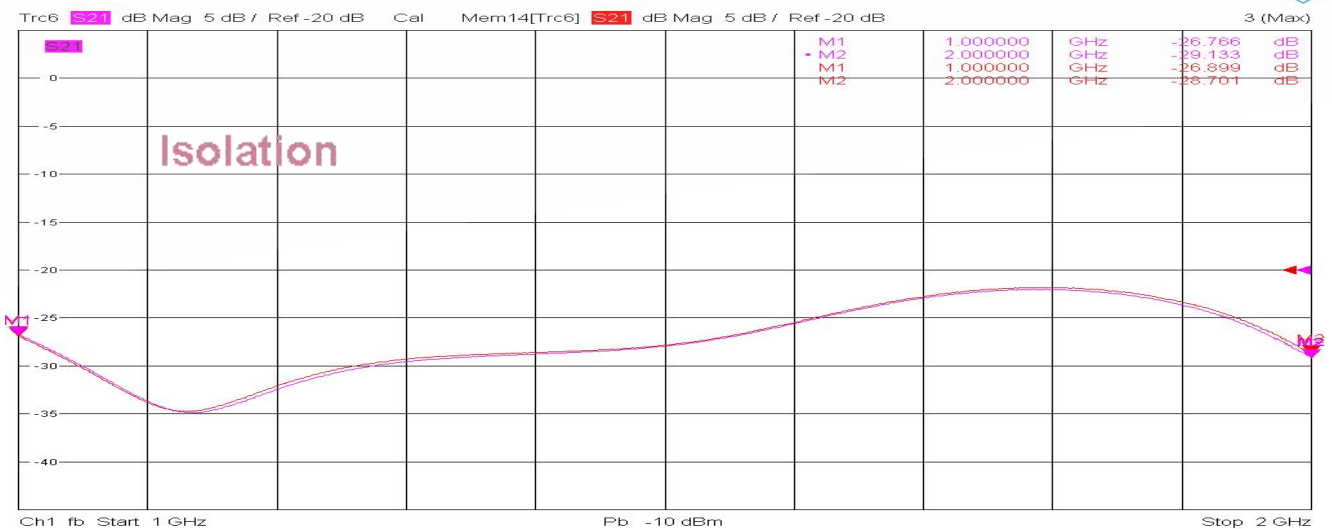
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



7/8/2024, 2:10 PM

2. Isolation



7/8/2024, 2:13 PM

