

Model TPD90100A3A

Features

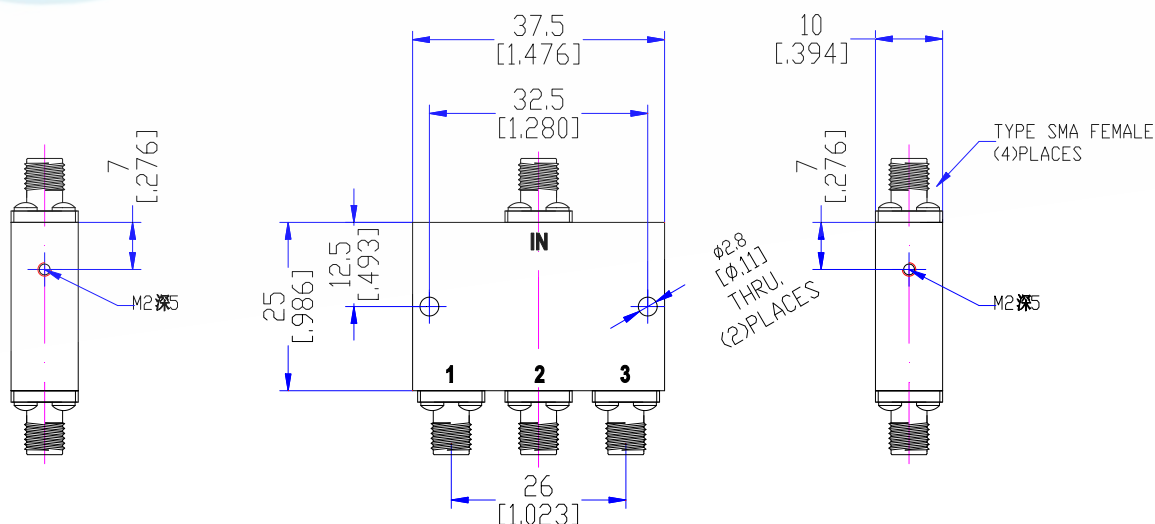
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

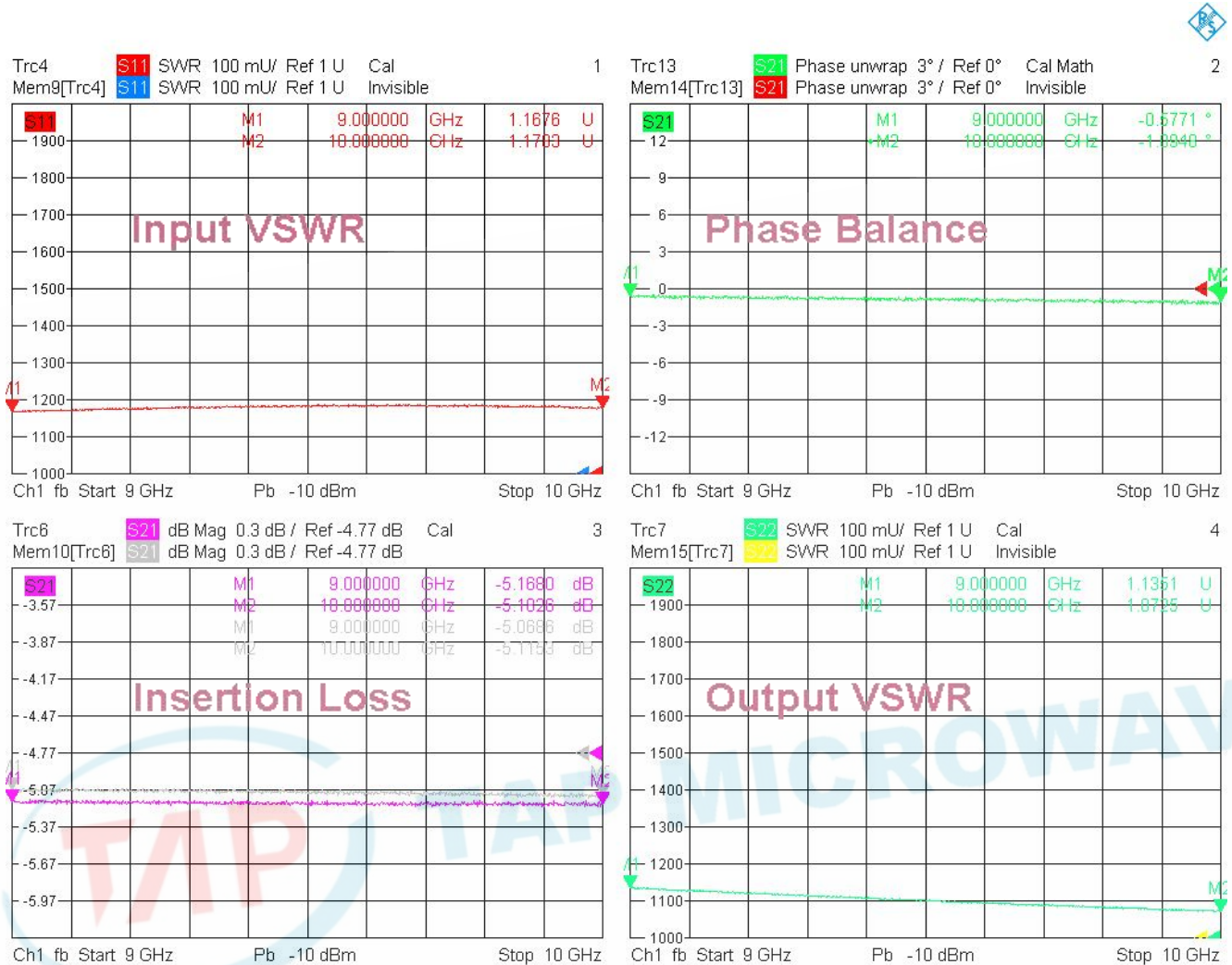
Technical Data Sheet			
Frequency Range	9~10GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.8dB (Above 4.77dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.40:1 Output ≤1.40:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.3dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±3°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤2Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	40g
Port Connectors	SMA-Female		

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



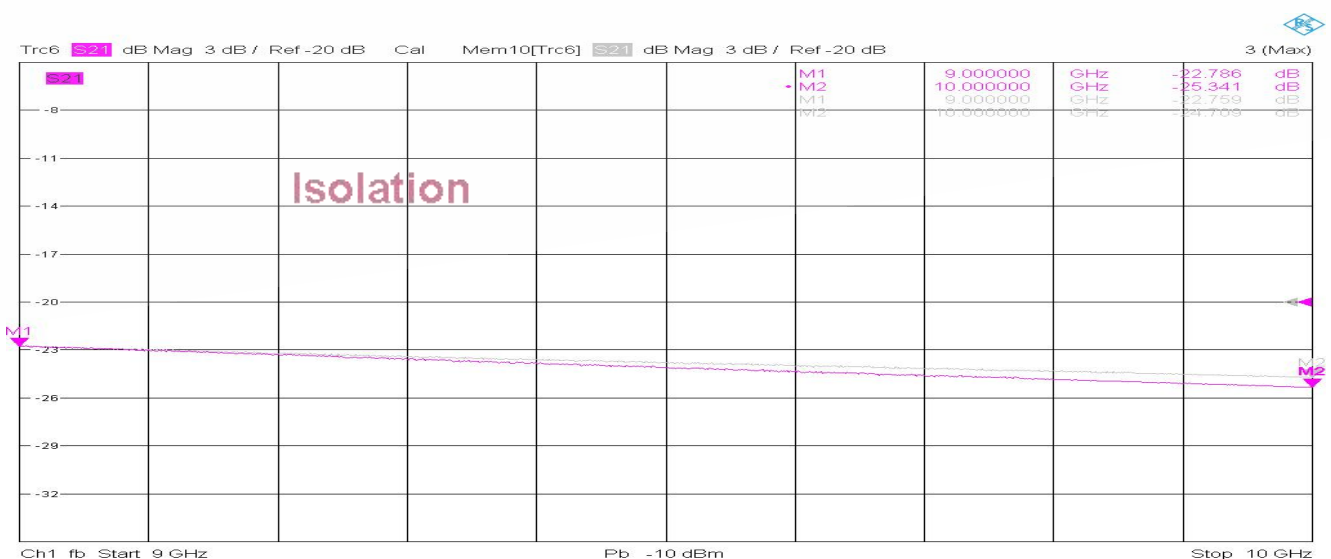
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



9/29/2025, 10:59 AM

2. Isolation



9/29/2025, 11:09 AM

