

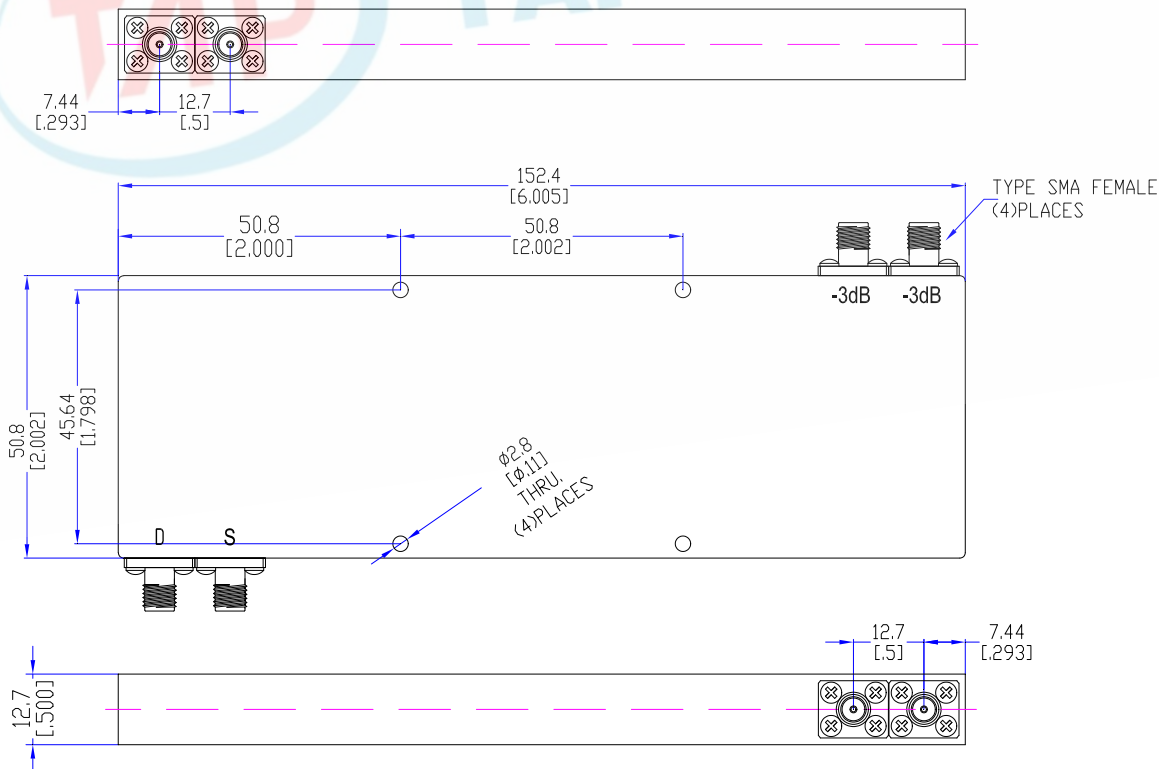
Model THC10124B

Features

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

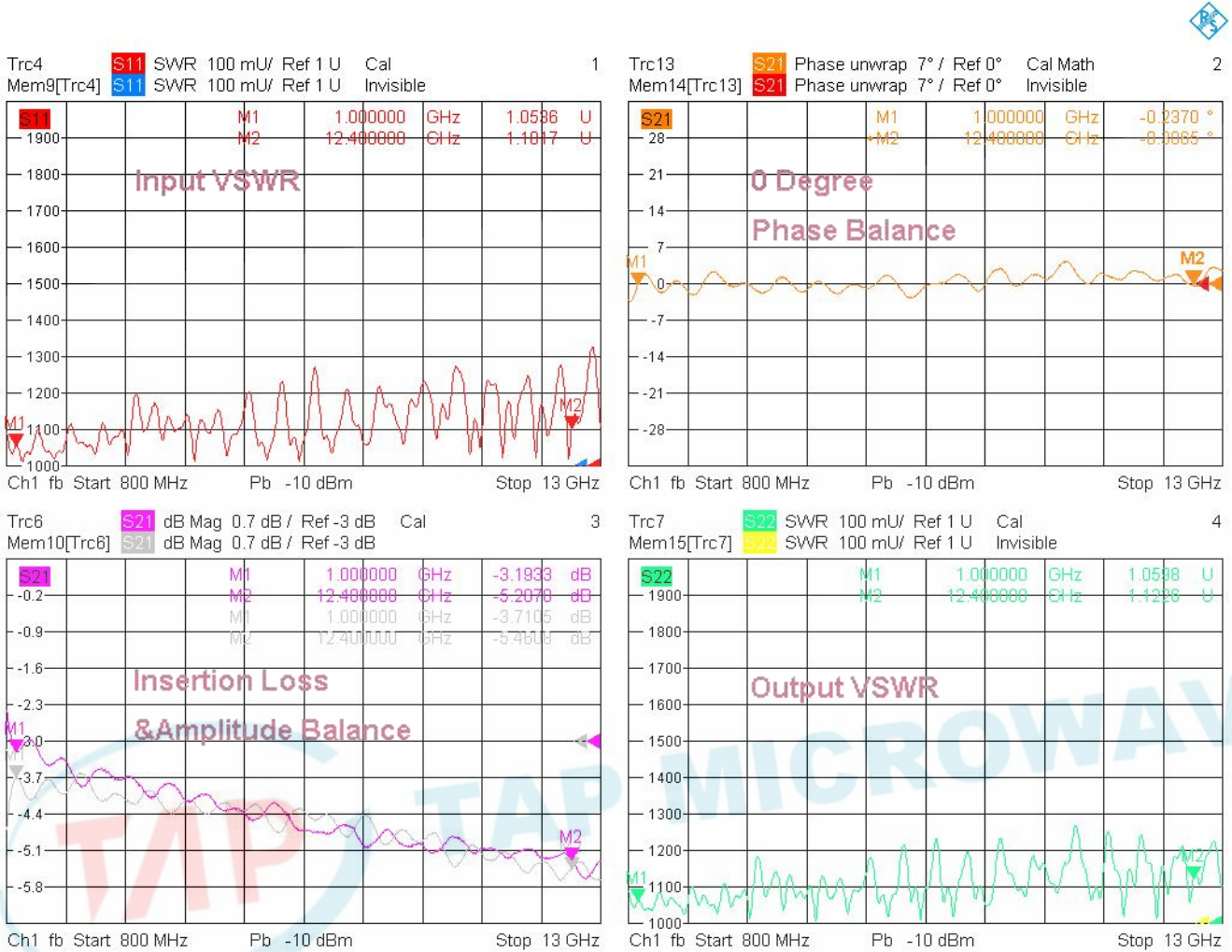
Technical Data Sheet			
Frequency Range	1~12.4GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤2.9dB	Housing	Aluminum, 6061 T6
Isolation	≥18dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.7dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±7°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.60:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤30Watt Peak ≤1KW	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	280g
Port Connectors	SMA-Female		

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



Typical Performance

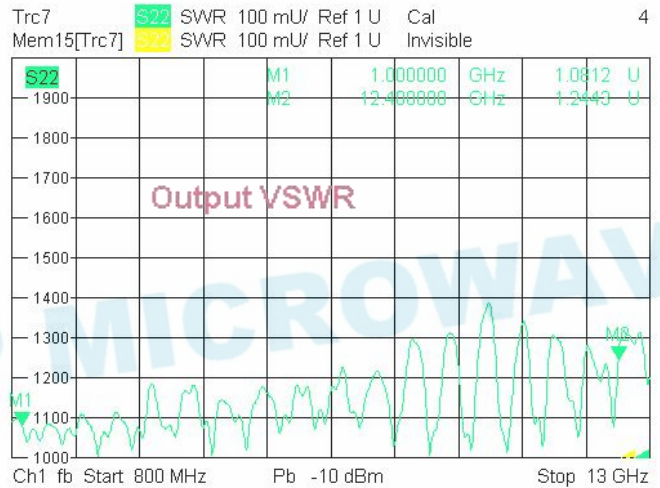
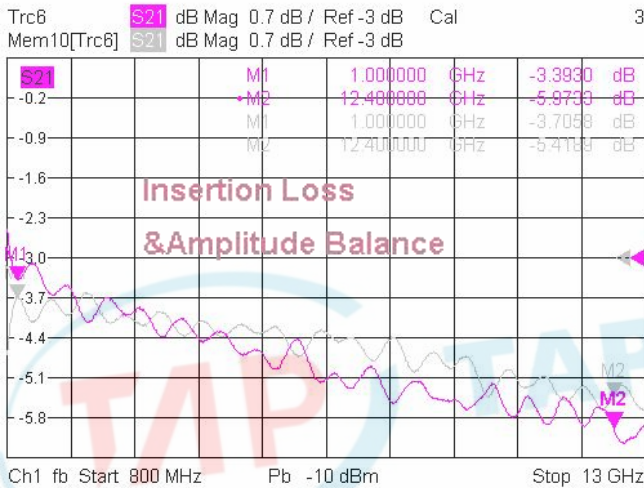
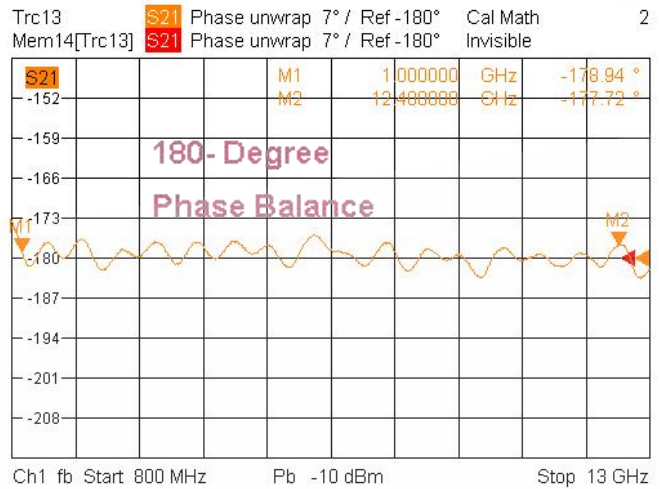
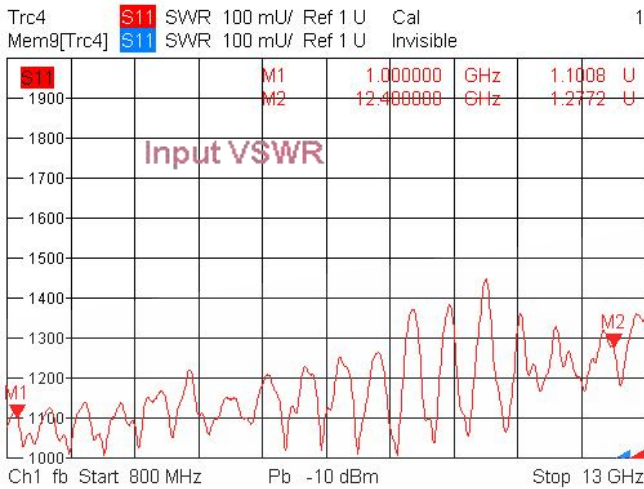
1. Insertion Loss, Amplitude & Phase Balance, VSWR & $\pm 0^\circ$



1/9/2025, 9:30 AM

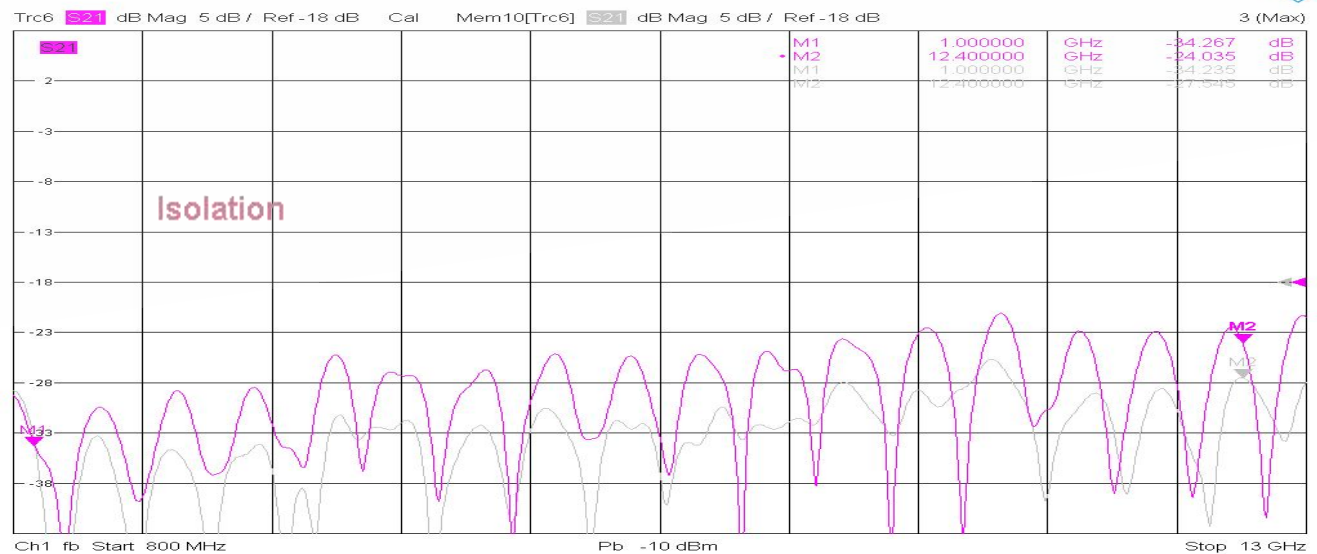


2. Insertion Loss, Amplitude/ Phase Balance, VSWR _ 180°



1/9/2025, 9:31 AM

3. Isolation



1/9/2025, 9:33 AM

