

Model THC80100A

Features

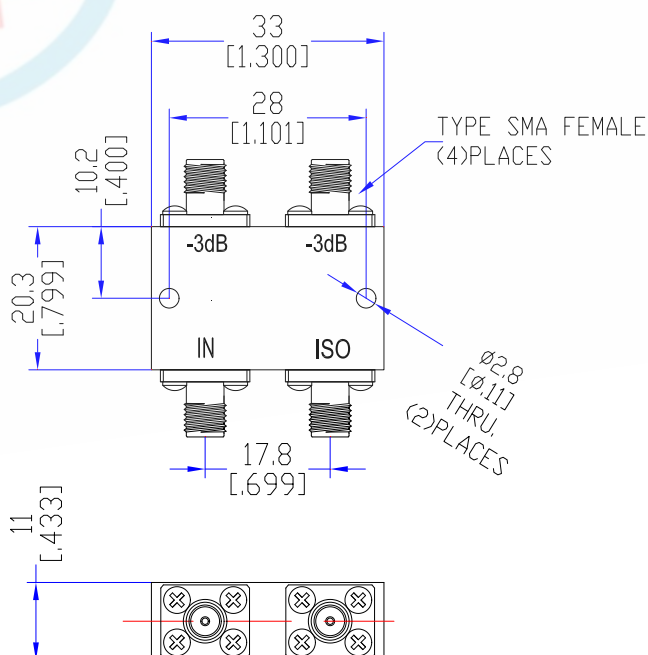
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

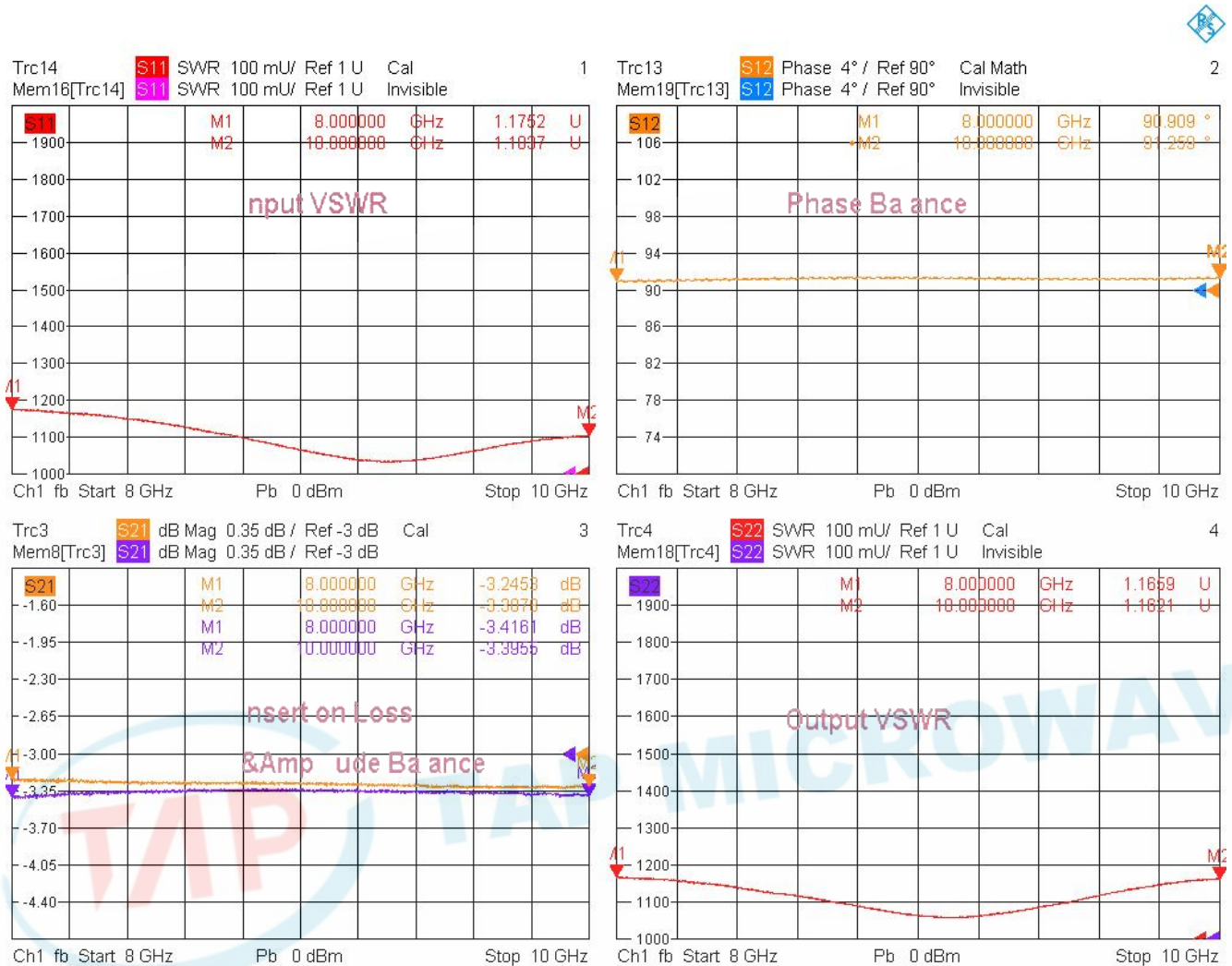
Technical Data Sheet			
Frequency Range	8~10GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.8dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB		
Amplitude Balance	≤±0.35dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±4°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.35:1	Operating Temperature	-55~+85℃
¹ Power Handling	Average ≤50Watt Peak ≤1KW	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	SMA-Female		

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



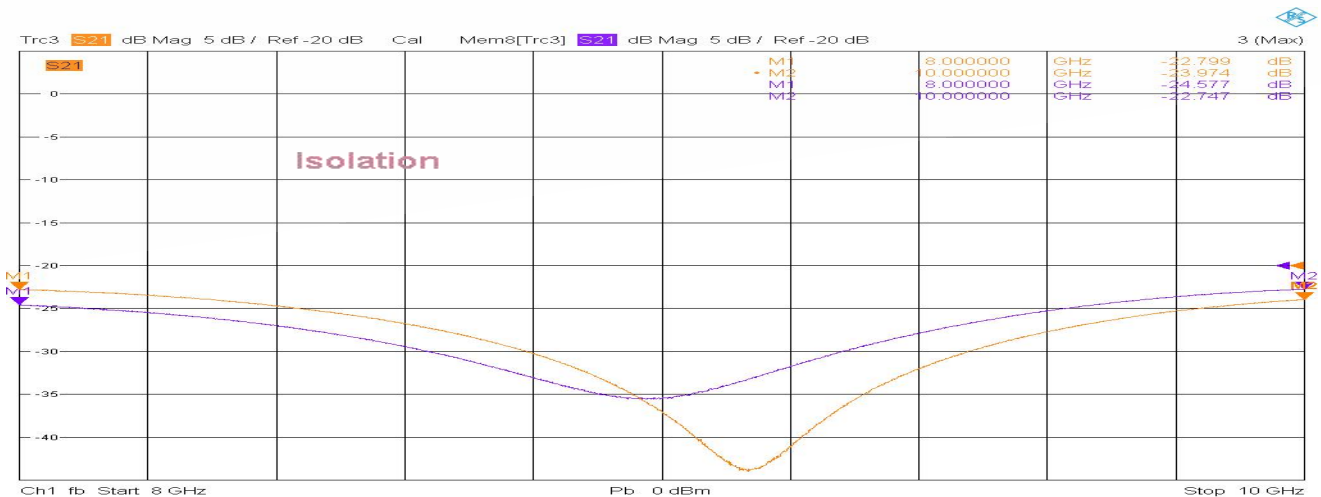
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



12/7/2022, 10:05 AM

2. Isolation



12/7/2022, 10:06 AM

