

Model THC50180B

Features

Excellent phase& amplitude balance

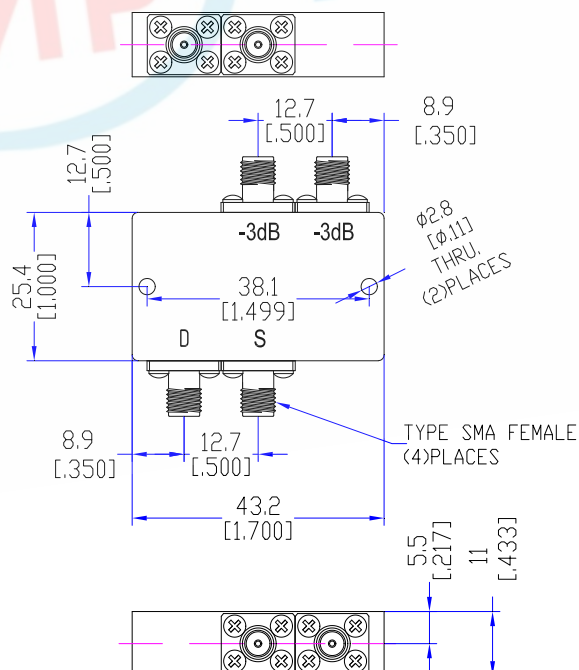
Low Insertion Loss & VSWR

High Isolation

Technical Data Sheet

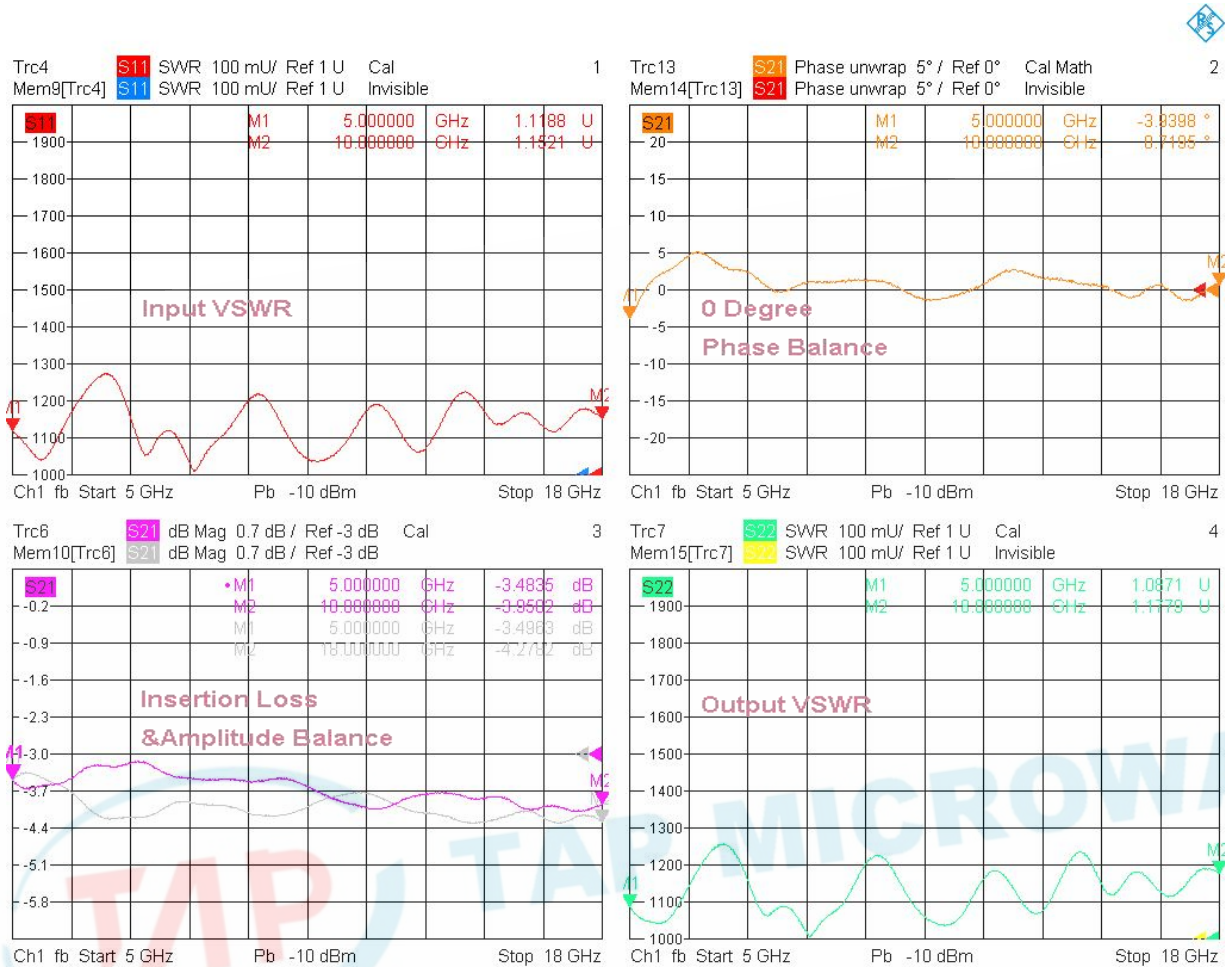
Frequency Range	5~18GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤1.6dB	Housing	Aluminum, 6061 T6
Isolation	≥16dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.8dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±8°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.60:1	Operating Temperature	-55~+85℃
¹ Power Handling	Average ≤20Watt Peak ≤1KW	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	50g
Port Connectors	SMA-Female		

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



Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR _ 0°

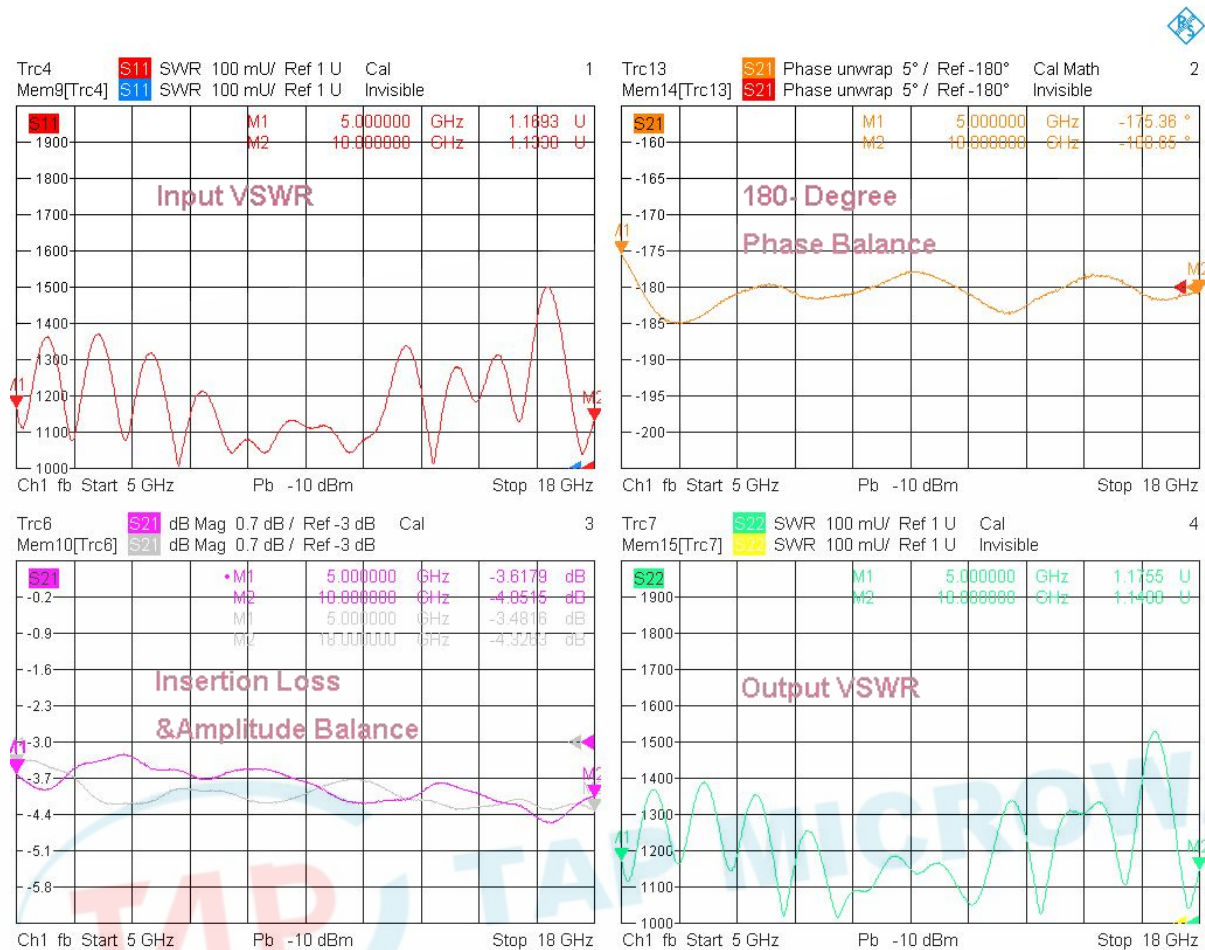


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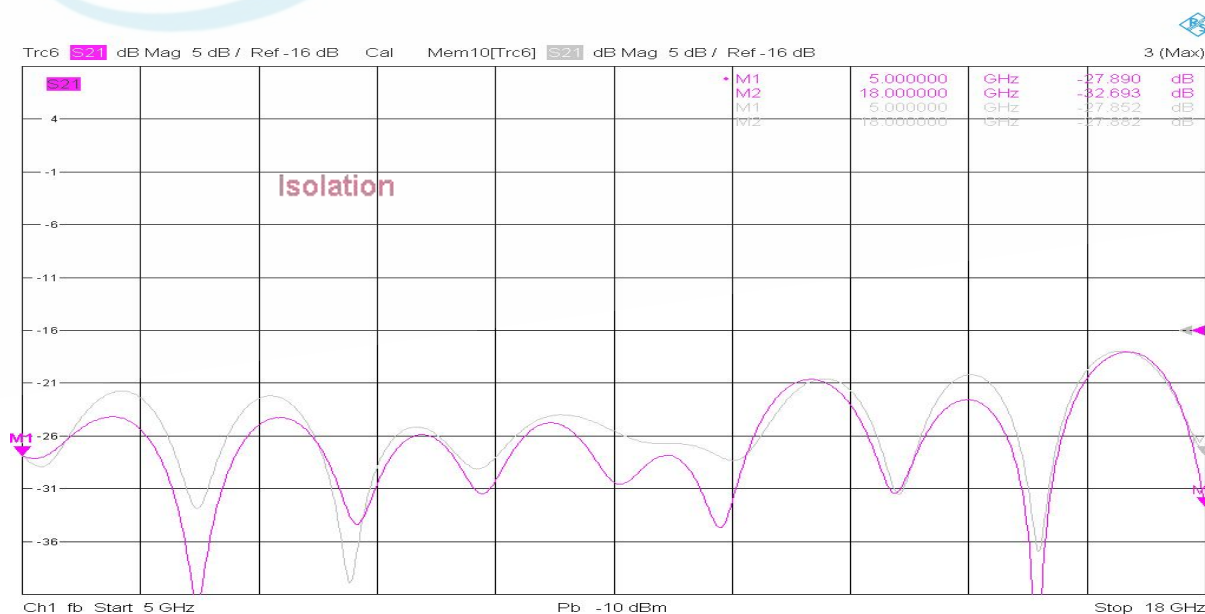
Typical Performance

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



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3. Isolation



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