

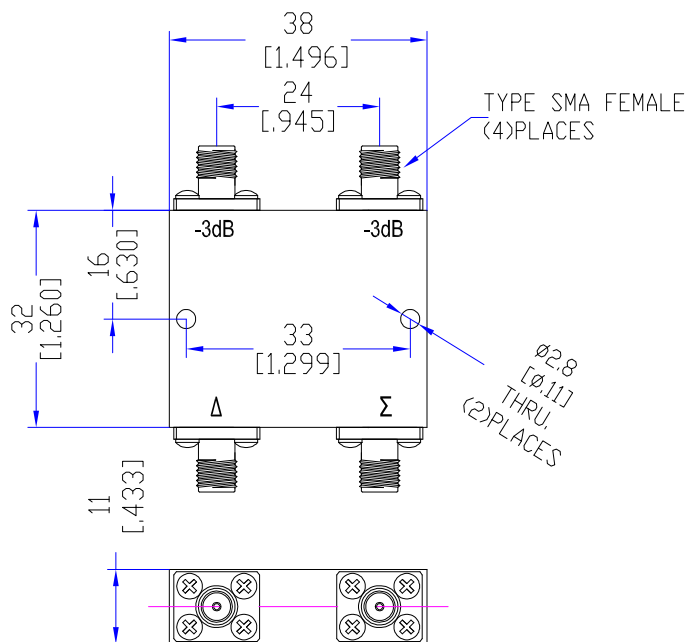
Model THC1726B

Features

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

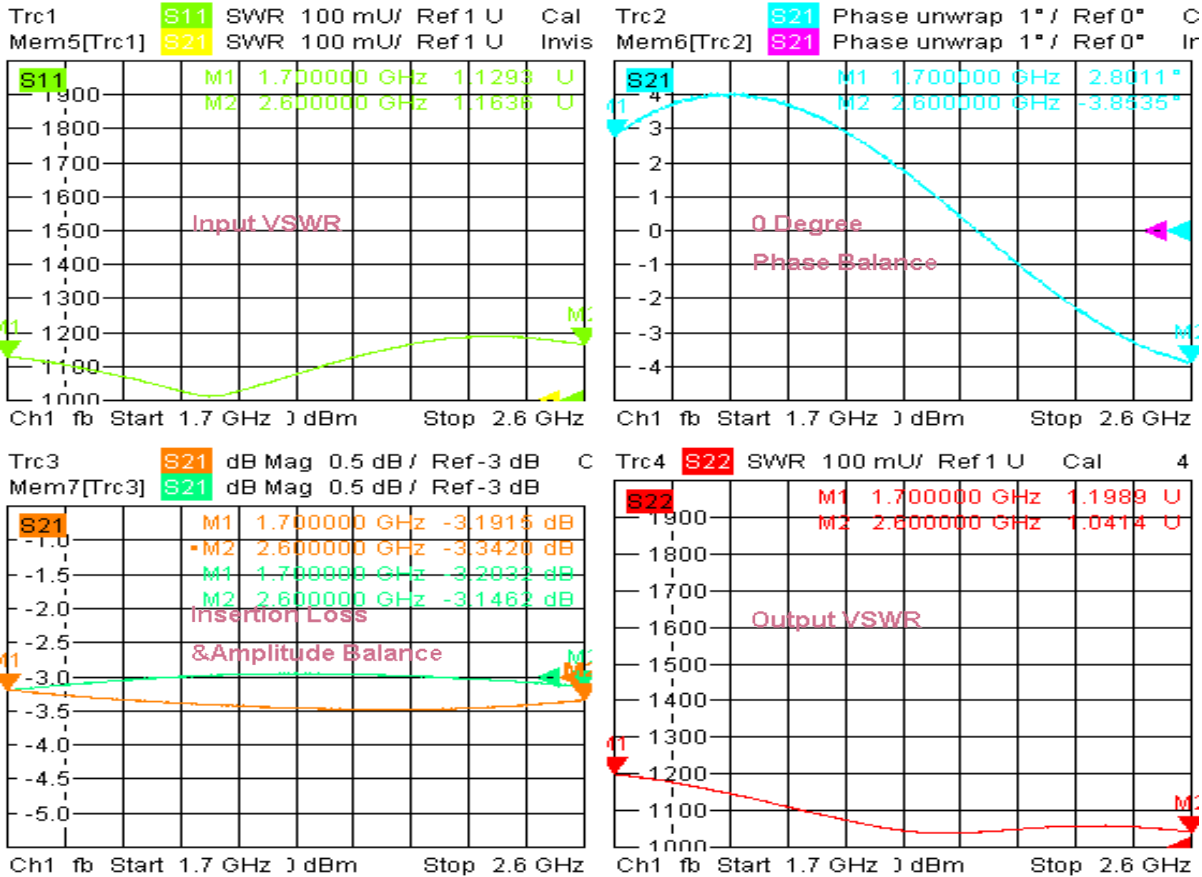
Technical Data Sheet			
Frequency Range	1.7~2.6GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.45dB	Housing	Aluminum, 6061 T6
Isolation	≥18dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±5°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.30:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤50Watt 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_{in} 0°



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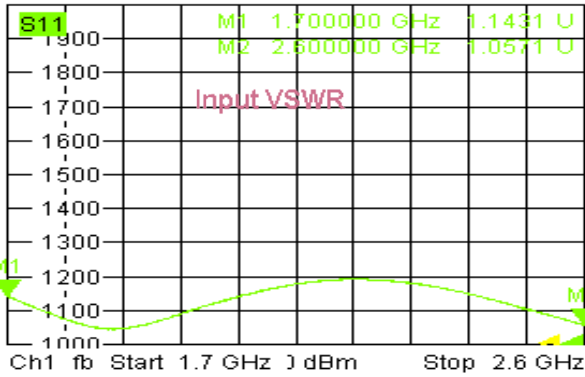


Typical Performance

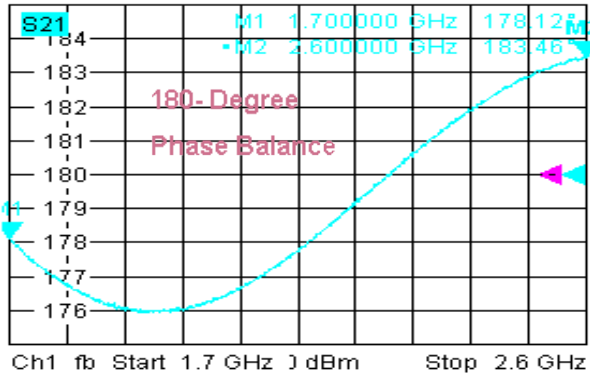
2. Insertion Loss, Amplitude & Phase Balance, VSWR _ 180°



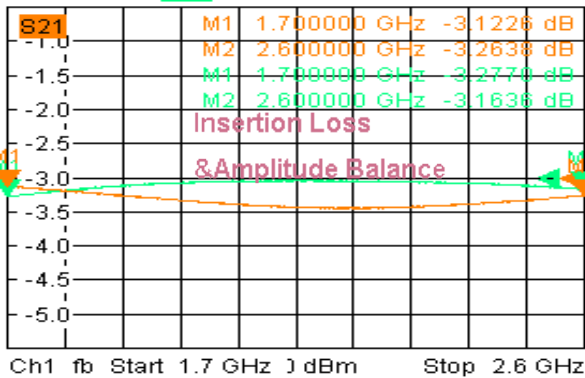
Trc1 **S11** SWR 100 mU/ Ref 1 U Cal
 Mem5[Trc1] **S21** SWR 100 mU/ Ref 1 U Invis



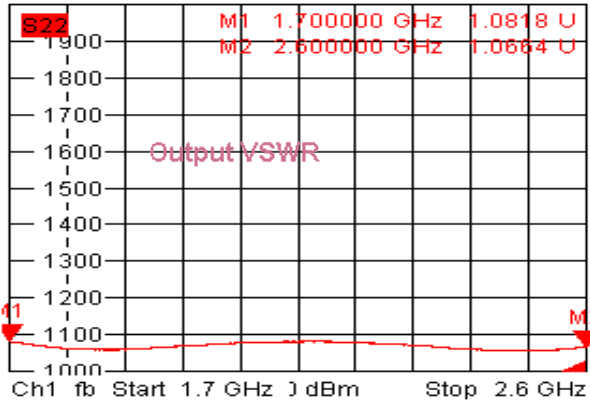
Trc2 **S21** Phase unwrap 1° / Ref 180°
 Mem6[Trc2] **S21** Phase unwrap 1° / Ref 180°



Trc3 **S21** dB Mag 0.5 dB / Ref -3 dB C
 Mem7[Trc3] **S21** dB Mag 0.5 dB / Ref -3 dB



Trc4 **S22** SWR 100 mU/ Ref 1 U Cal 4



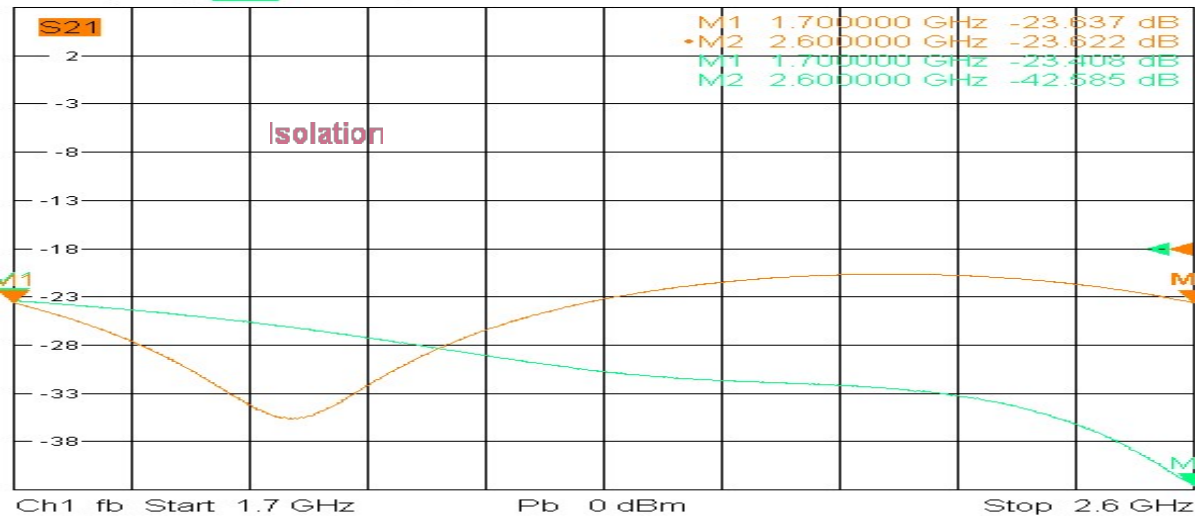
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3. Isolation



Trc3 **S21** dB Mag 5 dB / Ref -18 dB Cal
 Mem7[Trc3] **S21** dB Mag 5 dB / Ref -18 dB

3 (Max)



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