

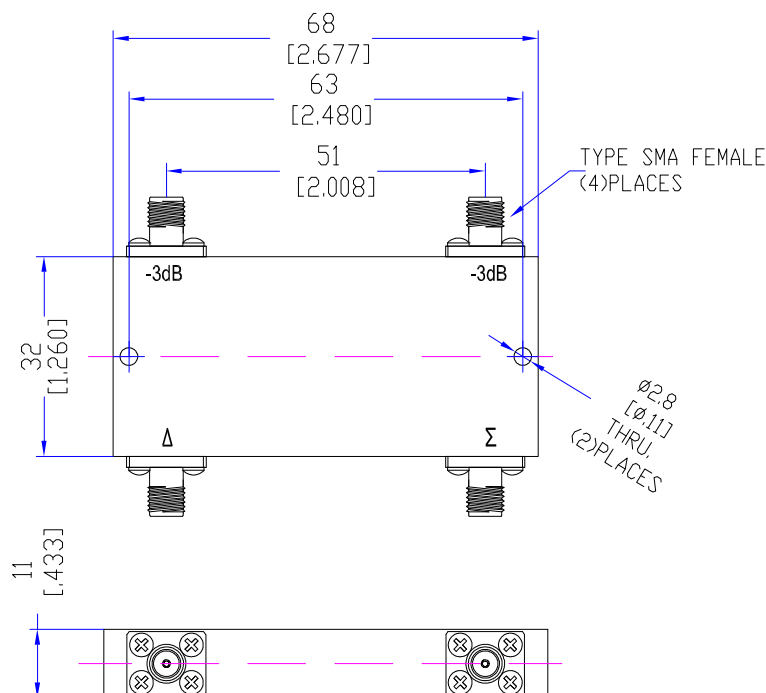
Model THC0914B

Features

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

Technical Data Sheet			
Frequency Range	900~1400MHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.4dB	Housing	Aluminum, 6061 T6
Isolation	≥20dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.3dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±2.5°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.25:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤50Watt Peak ≤1KW	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	60g
Port Connectors	SMA-Female		

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



Typical Performance

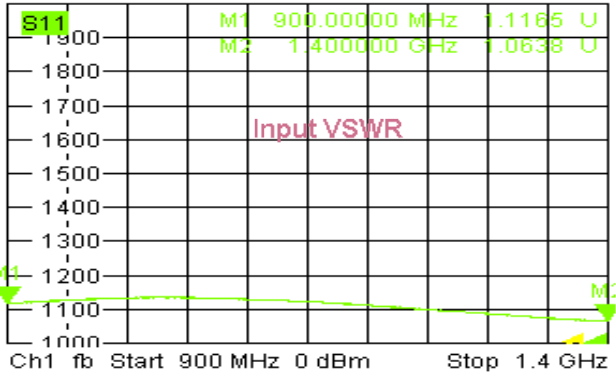


Typical Performance

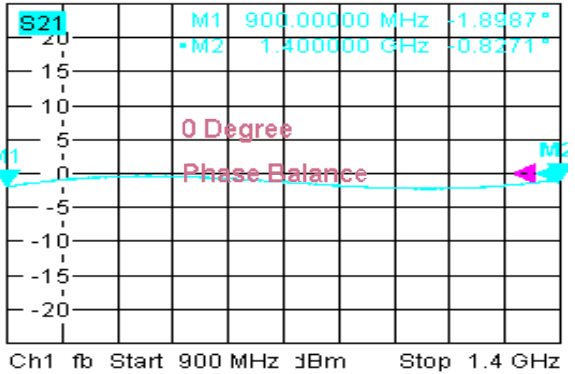
1. Insertion Loss, Amplitude & Phase Balance, VSWR_{in} 0°



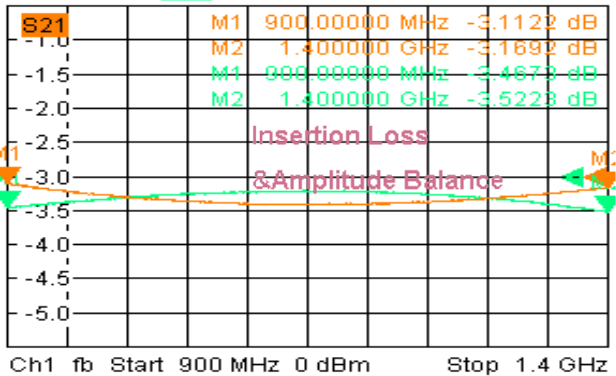
Trc1 Mem5[Trc1] **S11** SWR 100 mU/ Ref 1 U Cal Invisib



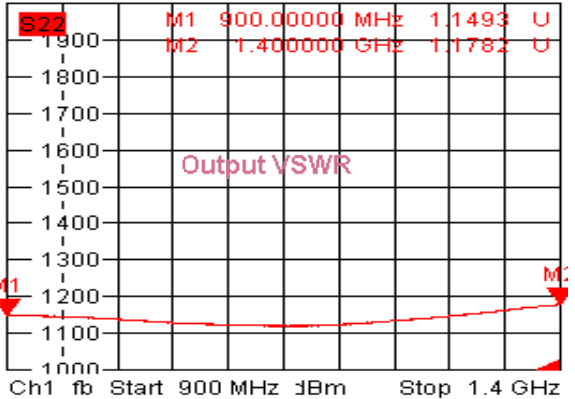
Trc2 Mem6[Trc2] **S21** Phase 5° / Ref 0° Cal Mat Invisib



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



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

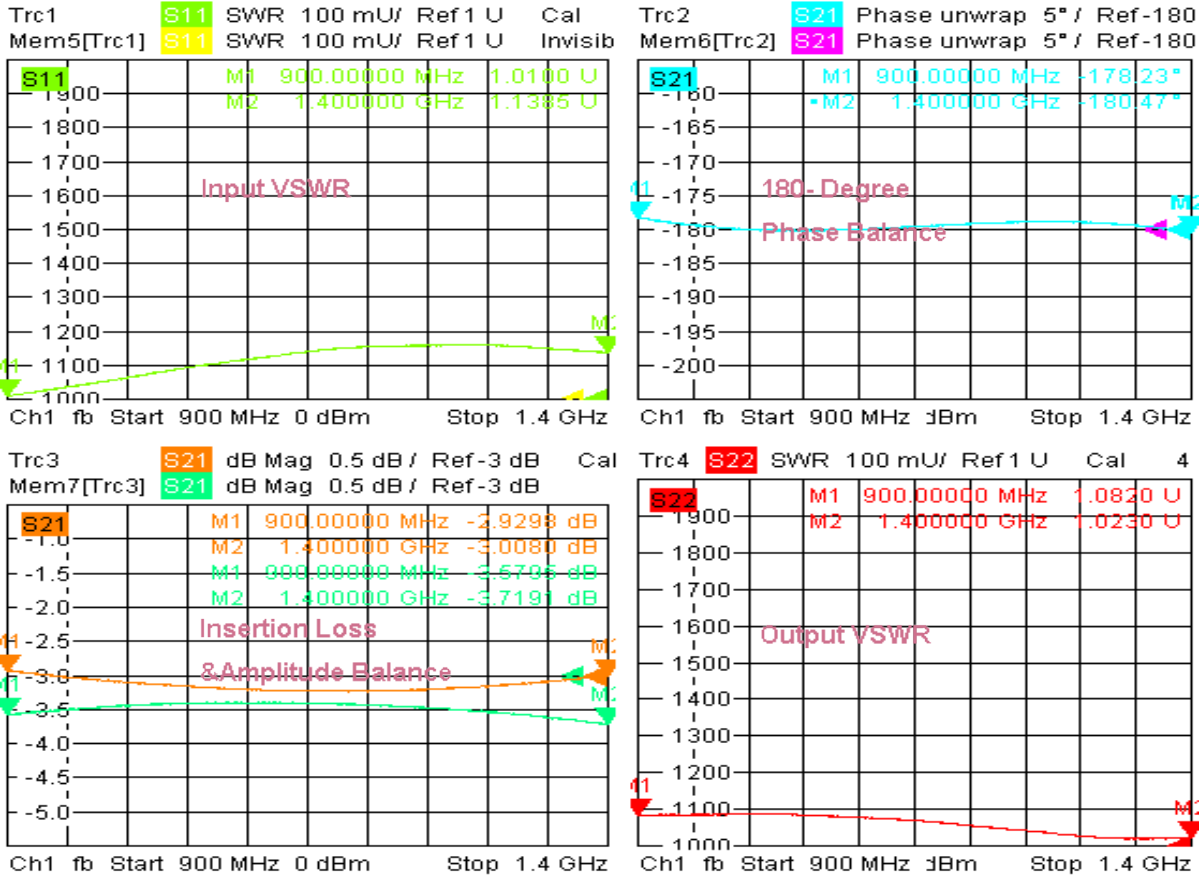


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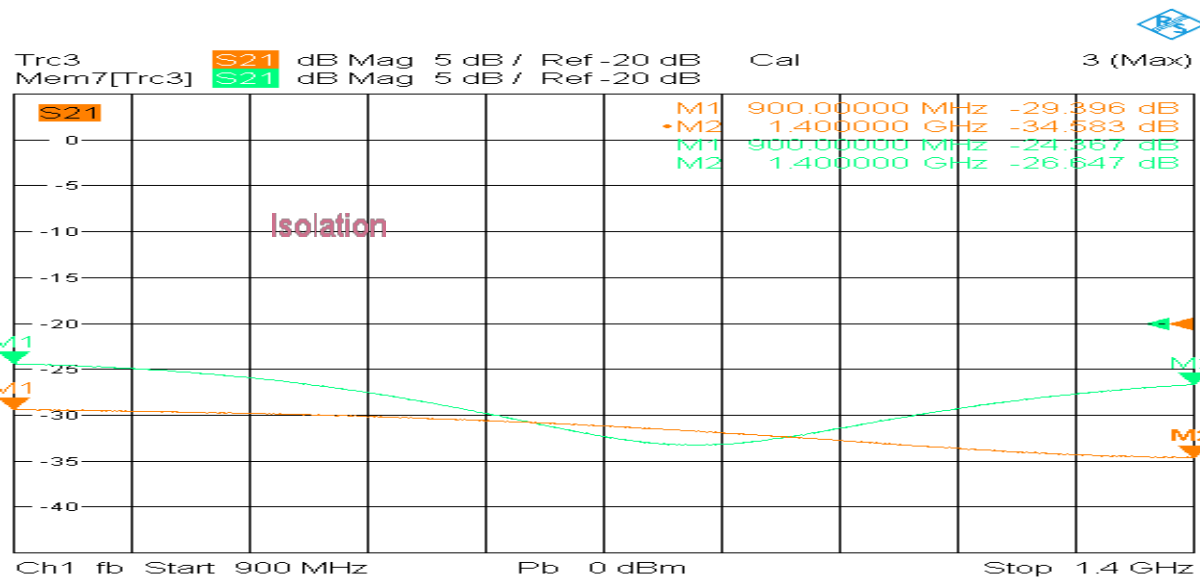
Typical Performance

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



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3. Isolation



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