

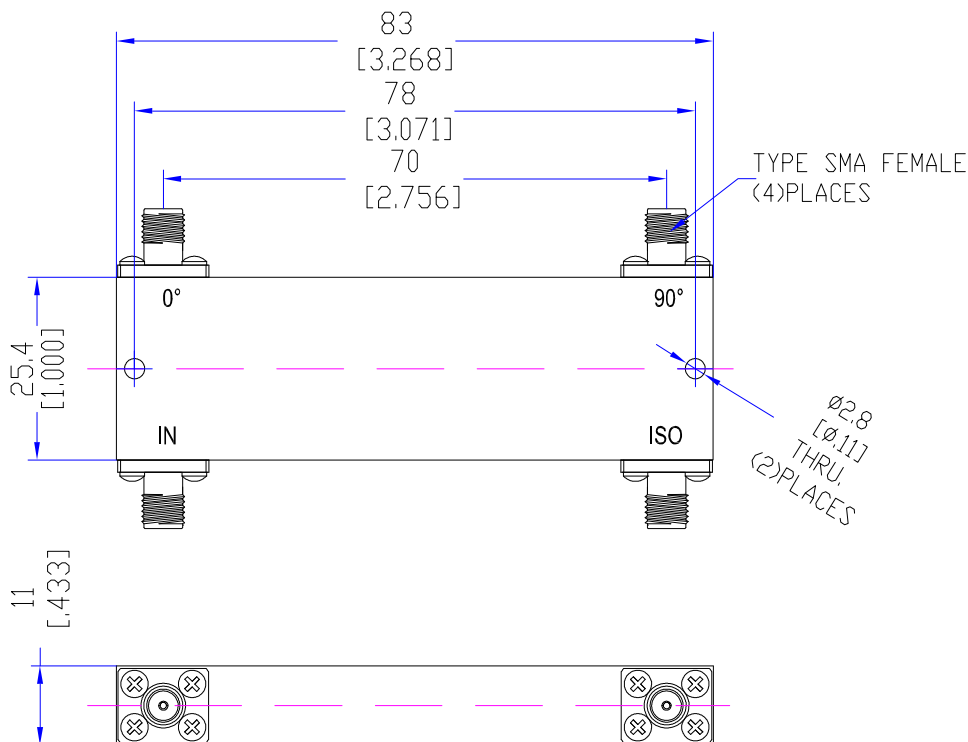
Model THC1060A

Features

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

| Technical Data Sheet | | | |
|-----------------------------|------------------------------|-----------------------|------------------------------|
| Frequency Range | 1~6GHz | Finish | Painted Blue_ RAL #5007 |
| Nominal Split | 3.01dB | Connector Body | Passivated Stainless Steel |
| Insertion Loss | ≤0.7dB | Housing | Aluminum, 6061 T6 |
| Isolation | ≥20dB | | Clear Chem Conversion Film |
| Amplitude Balance | ≤±0.5dB | Connector Pin | Beryllium Copper, Gold Plate |
| Phase Balance | ≤±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 | 150g |
| Port Connectors | SMA-Female | | |

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

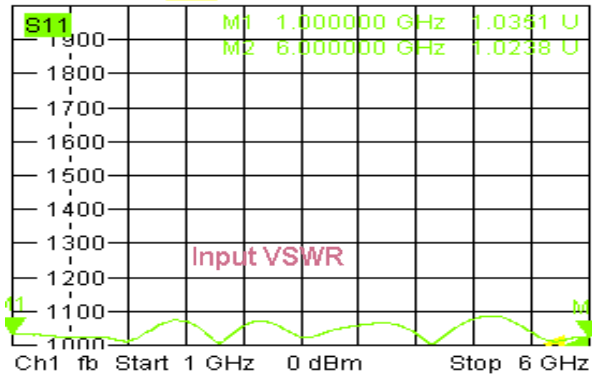


Typical Performance

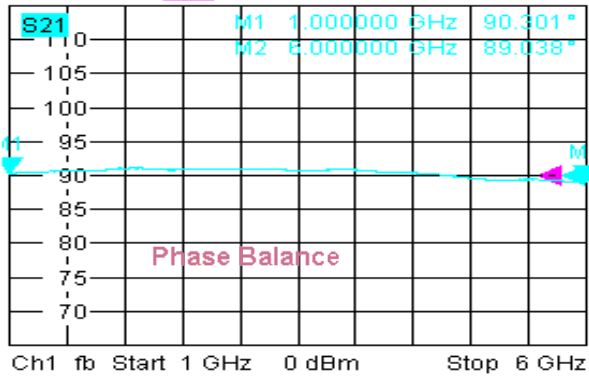
1. Insertion Loss, Amplitude & Phase Balance, VSWR



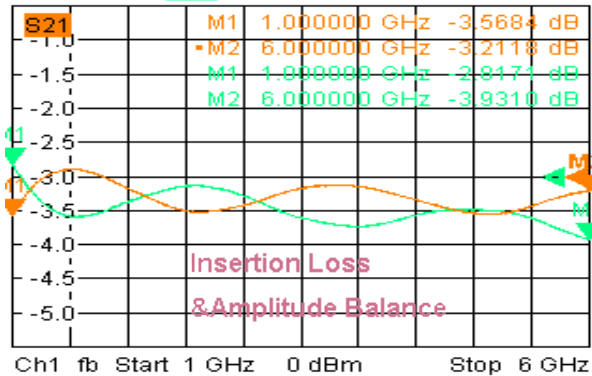
Trc1 Mem5[Trc1] S11 SWR 100 mU/ Ref 1 U Cal Invis



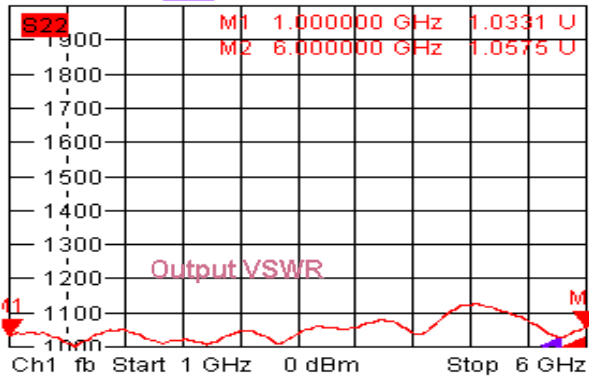
Trc2 Mem6[Trc2] S21 Phase 5° / Ref 90° Cal Matr Invisible



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



Trc4 Mem8[Trc4] S22 SWR 100 mU/ Ref 1 U Cal Invis

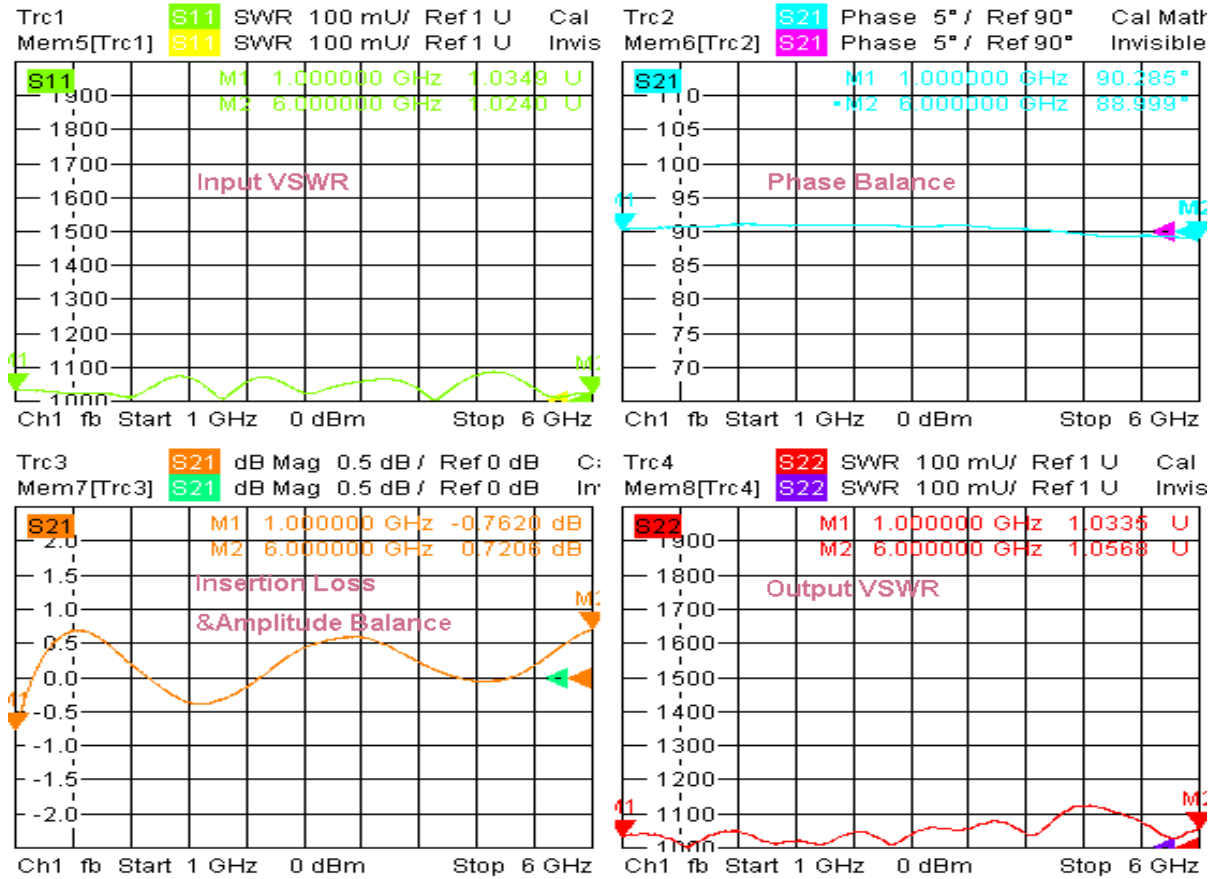


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Typical Performance

2. Insertion Loss, Amplitude & Phase Balance, VSWR



3. Isolation

