

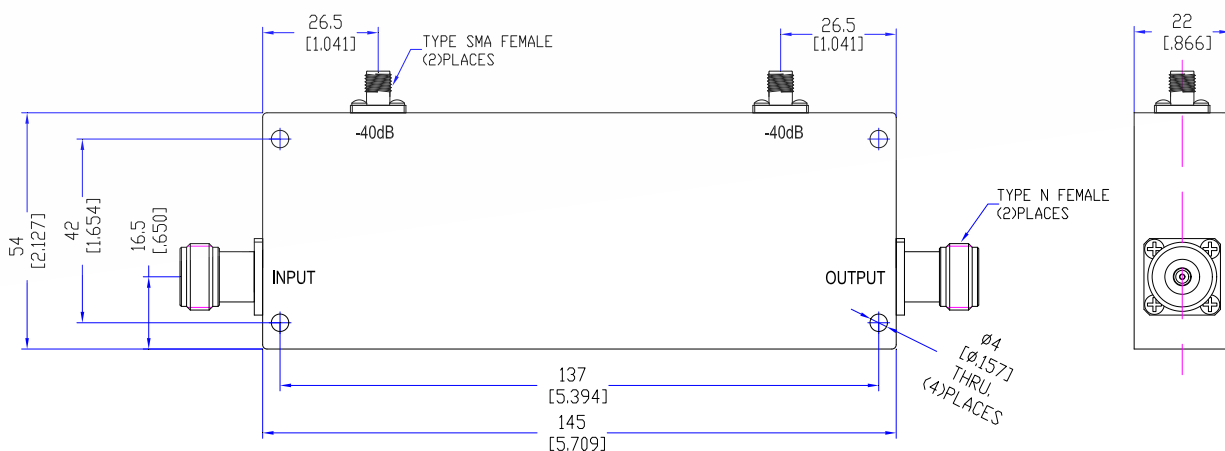
Model TDC0660H40AB

Features

Low VSWR
High Power
Broadband & Miniature Size

Technical Data Sheet			
Frequency Range	0.6~6GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.6dB (Excl. Coupling Loss 0.01dB)	Connector Body	Brass, Nickel Plate
Coupling Factor	≤40±1.5dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±2.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥12dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.30:1 Secondary ≤1.30:1	Operating Temperature	-40~+85°C
¹ Power Handling	Incident ≤500Watt; Reflected ≤500Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	460g
Port Connectors	Mainline: N-Female Coupled: SMA-Female		

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

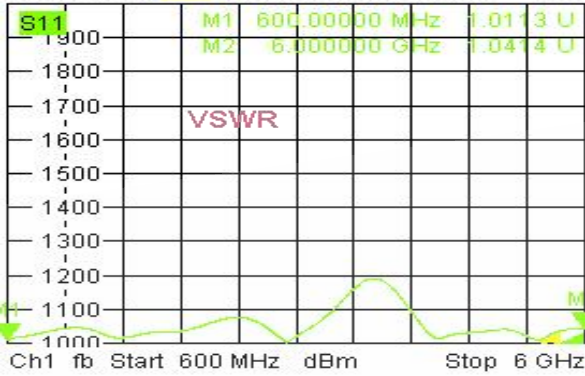


Typical Performance

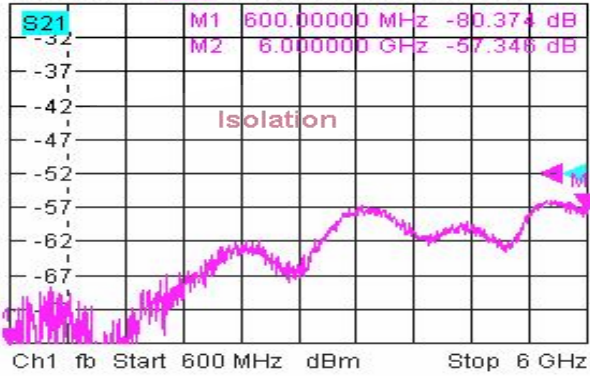
1. Coupling Factor & Sensitivity, Isolation, VSWR



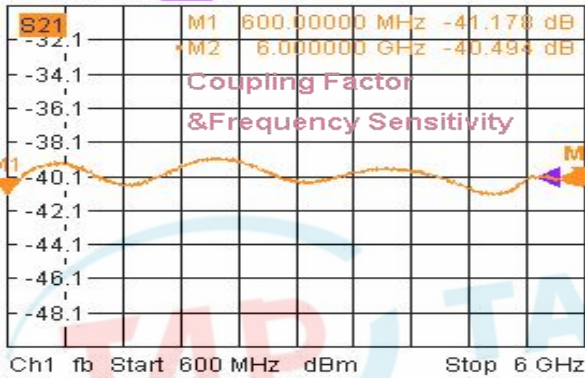
Trc1 Mem5[Trc1] S11 SWR 100 mU/ Ref 1 U Cal Invis



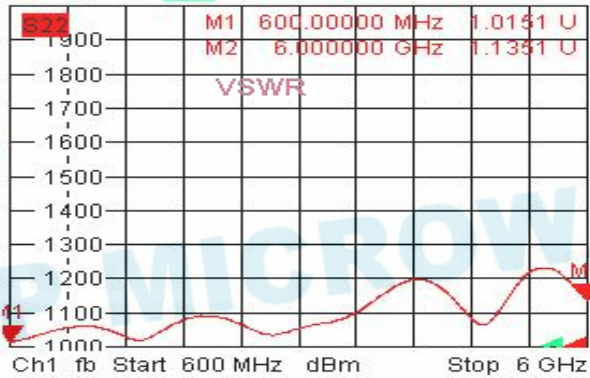
Trc2 Mem6[Trc2] S21 dB Mag 5 dB / Ref -52 dB In



Trc3 Mem8[Trc3] S21 dB Mag 2 dB / Ref -40.1 dB



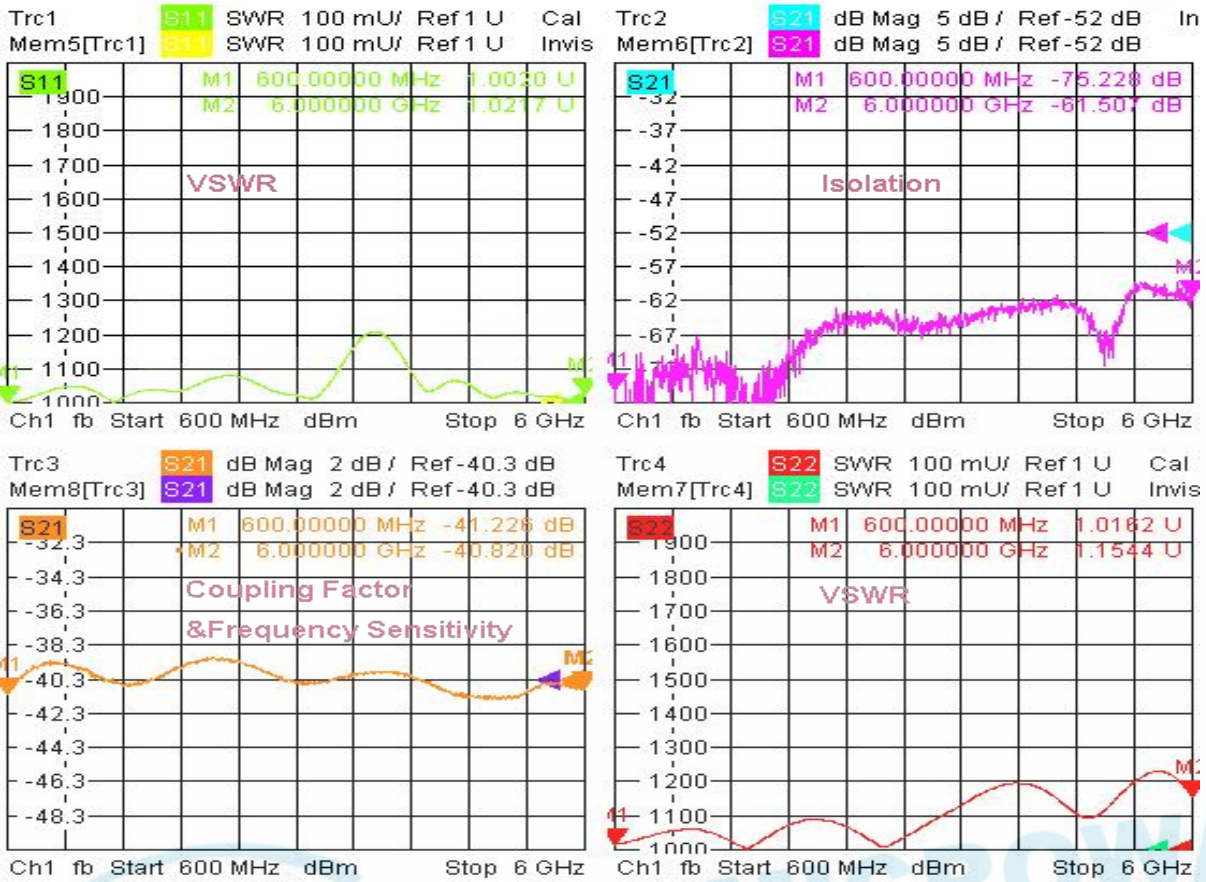
Trc4 Mem7[Trc4] S22 SWR 100 mU/ Ref 1 U Cal Invis



11/27/2020, 11:26 AM

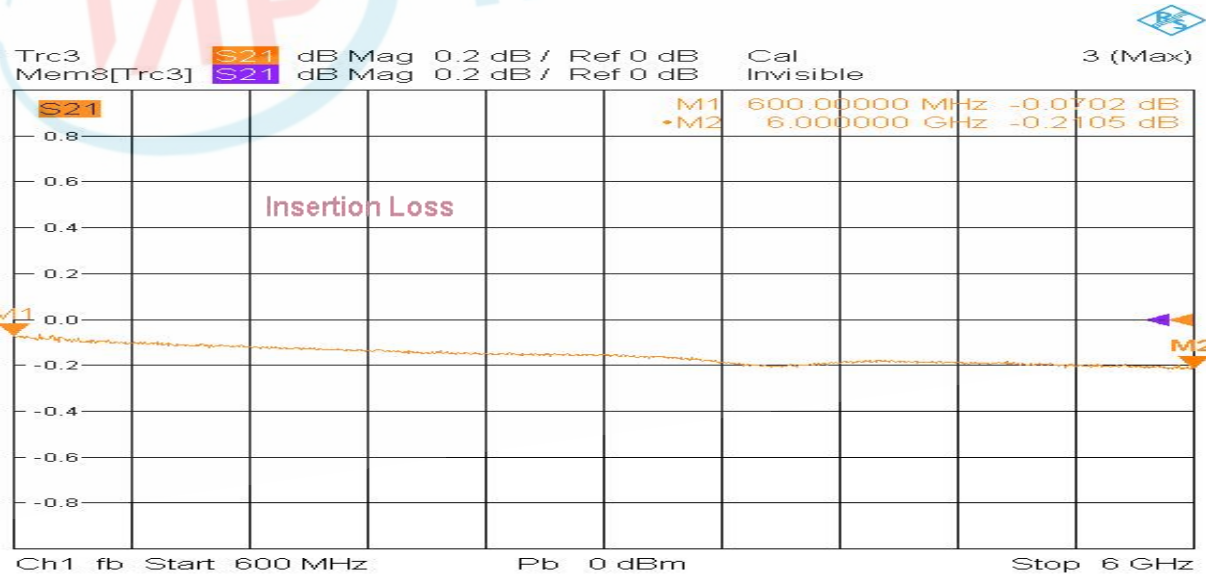


2. Coupling Factor & Sensitivity, Isolation, VSWR



11/27/2020, 11:25 AM

3. Insertion Loss



11/27/2020, 11:23 AM

