

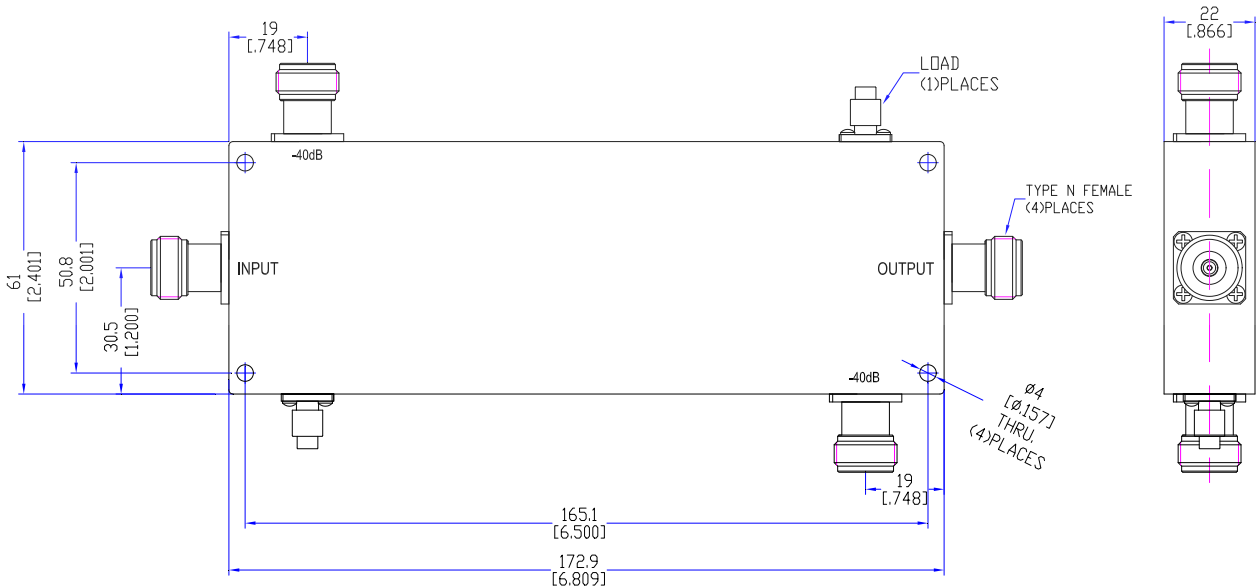
Model TDC1060H40D

Features

Low VSWR
High Directivity
Broadband & Miniature Size

Technical Data Sheet			
Frequency Range	1.0~6.0GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.5dB (Excl. Coupling Loss 0.01dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤40±1dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.2dB	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 ≤200Watt; Reflected ≤200Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	380g
Port Connectors	N-Female		

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

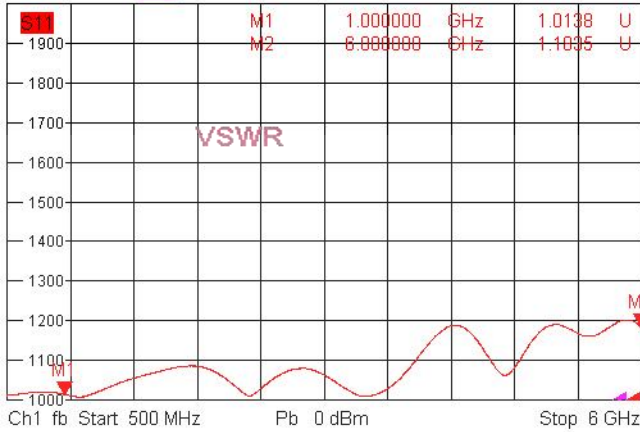


Typical Performance

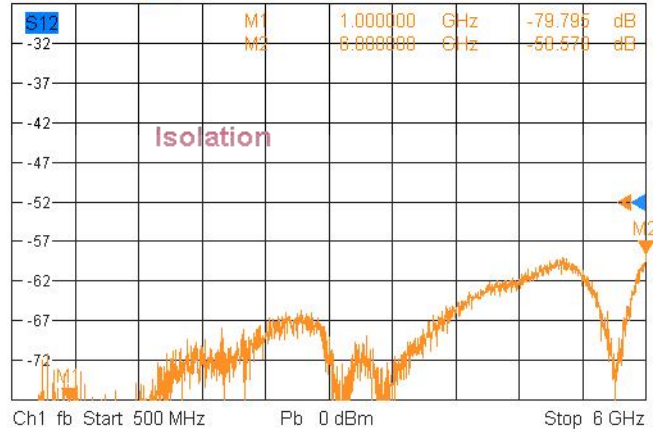
1. Coupling Factor & Sensitivity, Isolation, VSWR



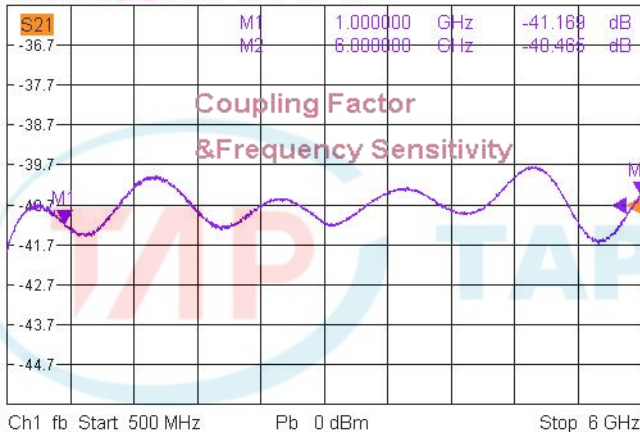
Trc14 **S11** SWR 100 mU/ Ref 1 U Cal 1
 Mem16[Trc14] **S11** SWR 100 mU/ Ref 1 U Invisible



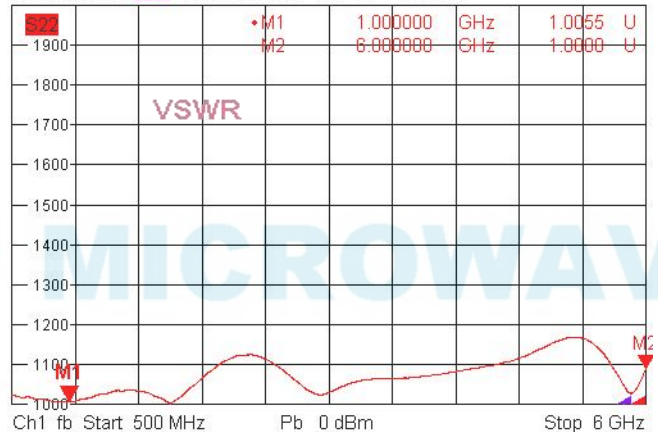
Trc13 **S12** dB Mag 5 dB / Ref -52 dB Cal 2
 Mem19[Trc13] **S12** dB Mag 5 dB / Ref -52 dB Invisible



Trc3 **S21** dB Mag 1 dB / Ref -40.7 dB Invisible 3
 Mem8[Trc3] **S21** dB Mag 1 dB / Ref -40.7 dB



Trc4 **S22** SWR 100 mU/ Ref 1 U Cal 4
 Mem18[Trc4] **S22** SWR 100 mU/ Ref 1 U Invisible

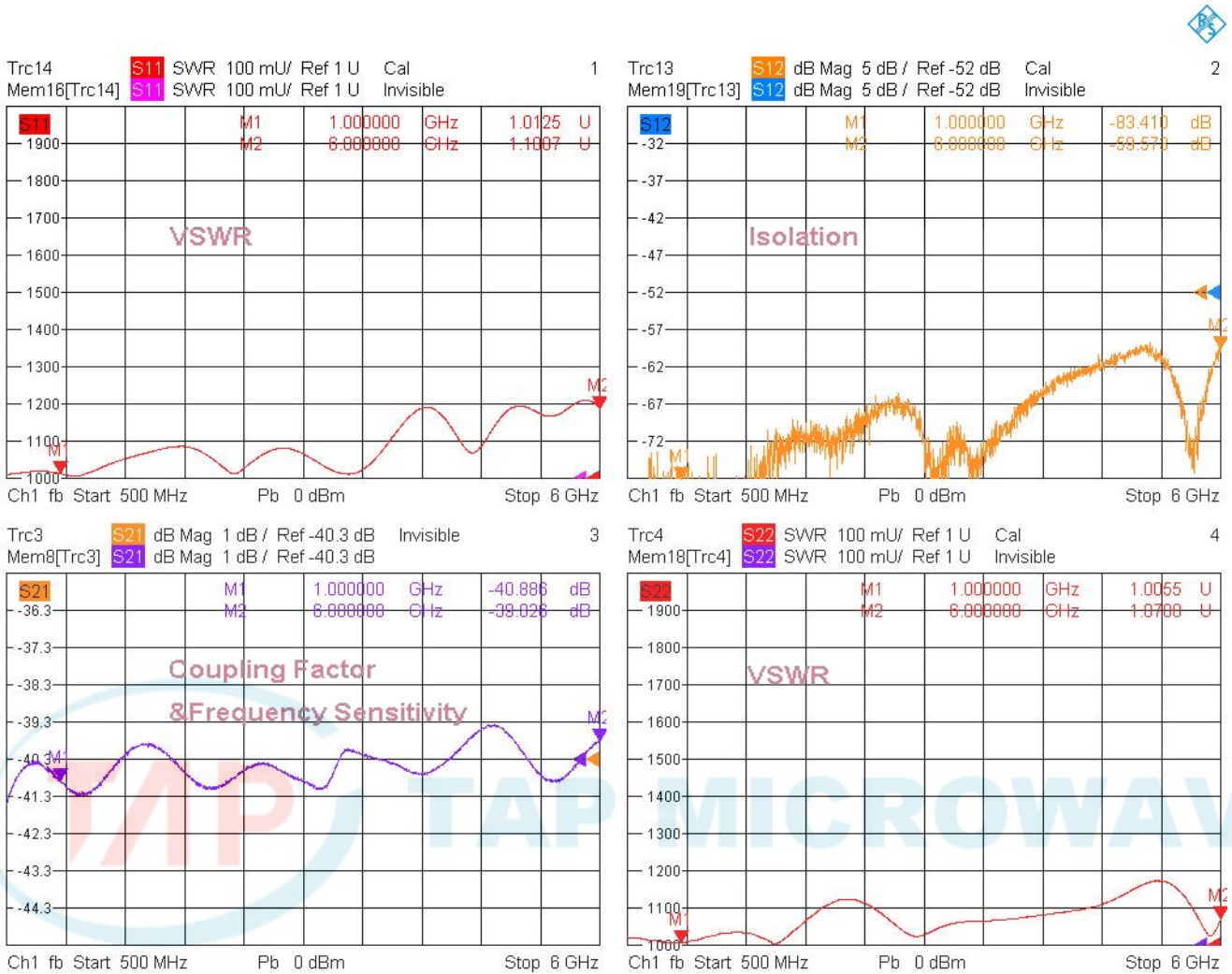


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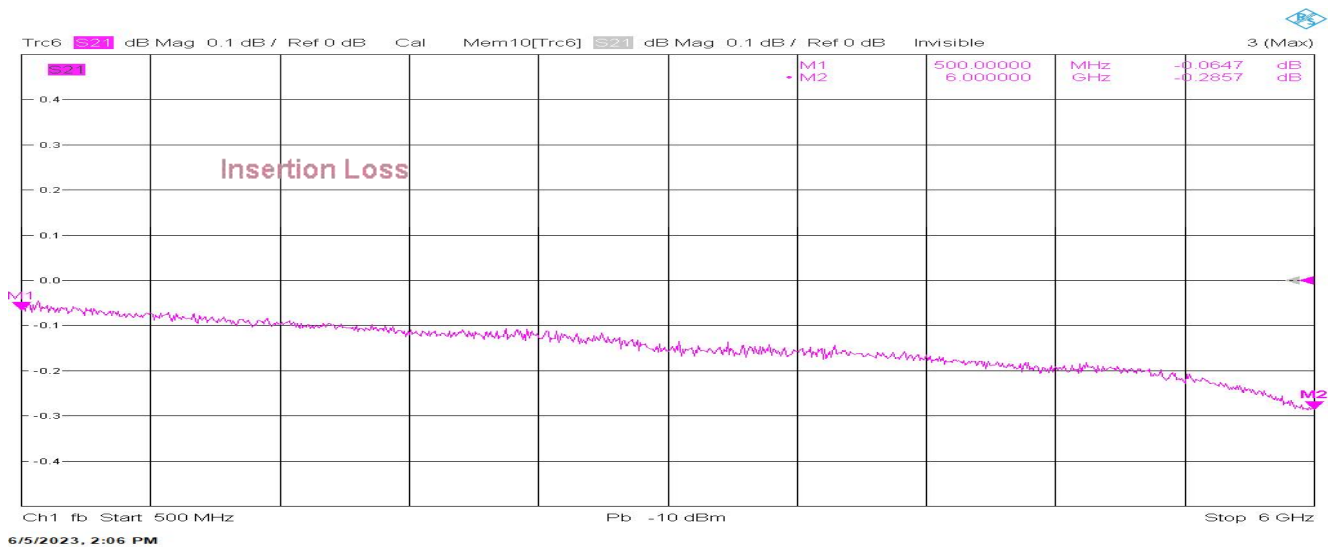
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



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3. Insertion Loss



6/5/2023, 2:06 PM

