

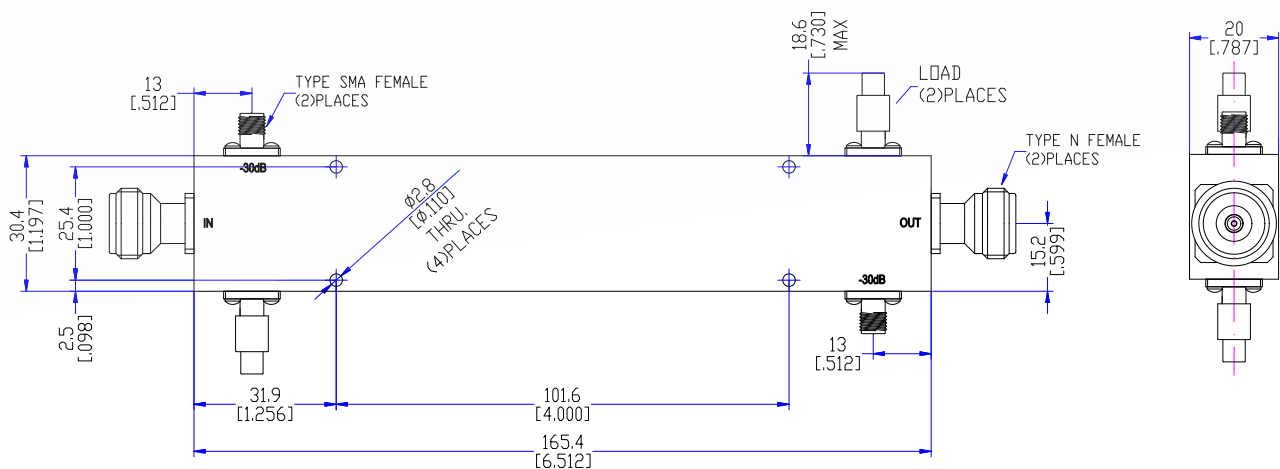
Model TDC0360H30DA

Features

Low VSWR
High Directivity
Broadband & Miniature Size

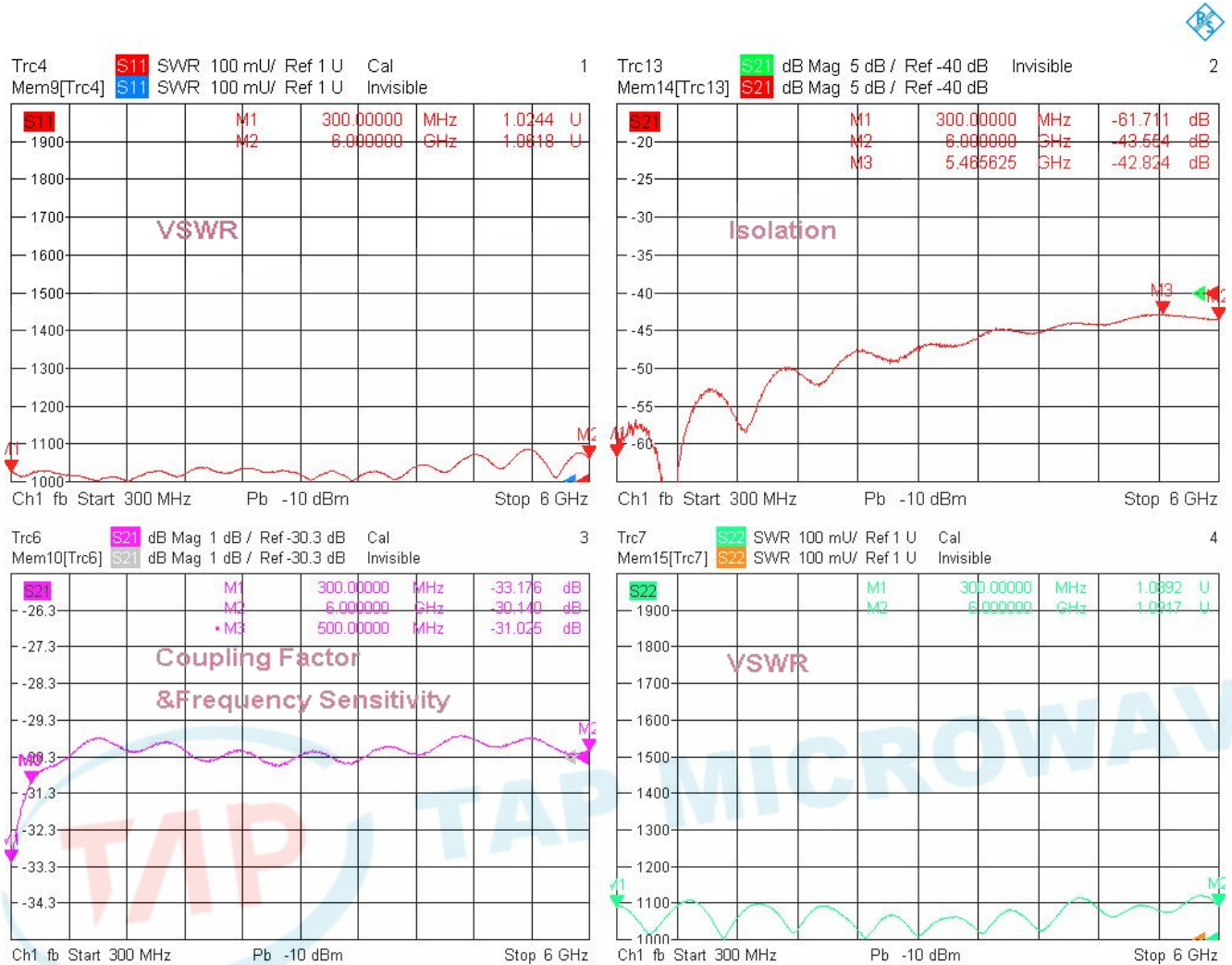
Technical Data Sheet			
Frequency Range	0.3~6GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.5dB (Excl. Coupling Loss 0.01dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤31±1.0dB@0.3-0.5GHz ≤30±1.0dB@0.5-6GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±2.8dB@0.3-0.5GHz ≤±1.0dB@0.5-6GHz	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥10dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.30:1 Secondary ≤1.30:1	Operating Temperature	-25~+65°C
¹ Power Handling	Incident ≤100Watt; Reflected ≤100Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	320g
Port Connectors	Mainline: N-Female Secondary: SMA-Female		

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

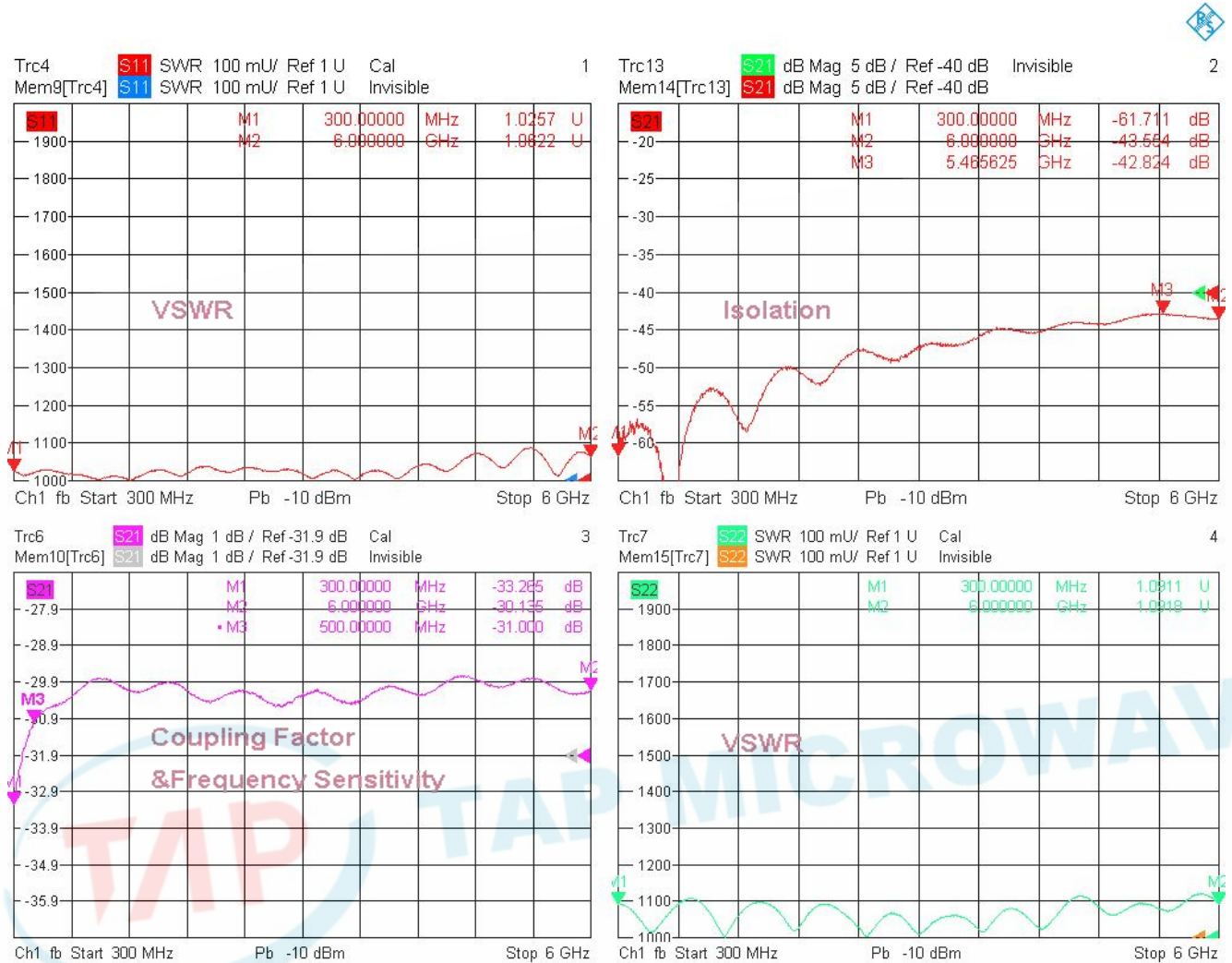


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Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



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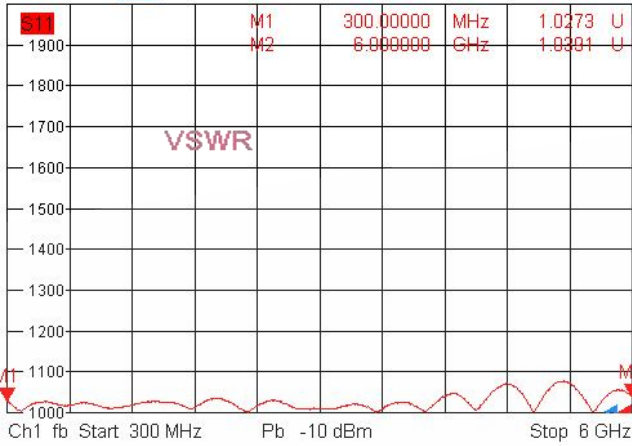


Typical Performance

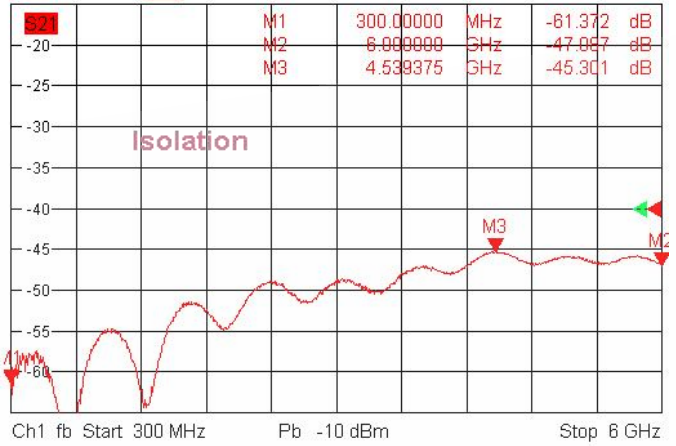
3. Coupling Factor & Sensitivity, Isolation, VSWR



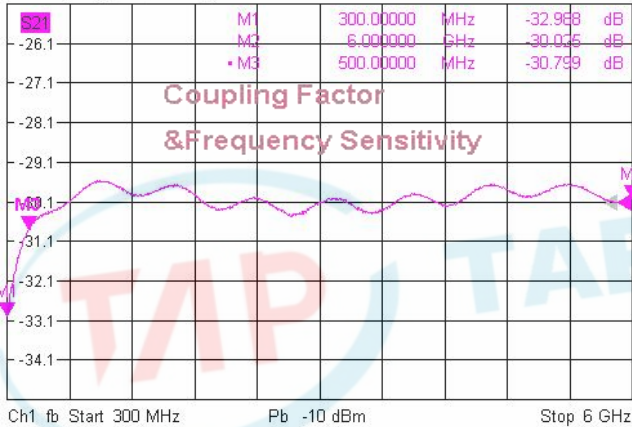
Trc4 **S11** SWR 100 mU/ Ref 1 U Cal 1
 Mem9[Trc4] **S11** SWR 100 mU/ Ref 1 U Invisible



Trc13 **S21** dB Mag 5 dB / Ref -40 dB Invisible 2
 Mem14[Trc13] **S21** dB Mag 5 dB / Ref -40 dB



Trc6 **S21** dB Mag 1 dB / Ref -30.1 dB Cal 3
 Mem10[Trc6] **S21** dB Mag 1 dB / Ref -30.1 dB Invisible



Trc7 **S22** SWR 100 mU/ Ref 1 U Cal 4
 Mem15[Trc7] **S22** SWR 100 mU/ Ref 1 U Invisible

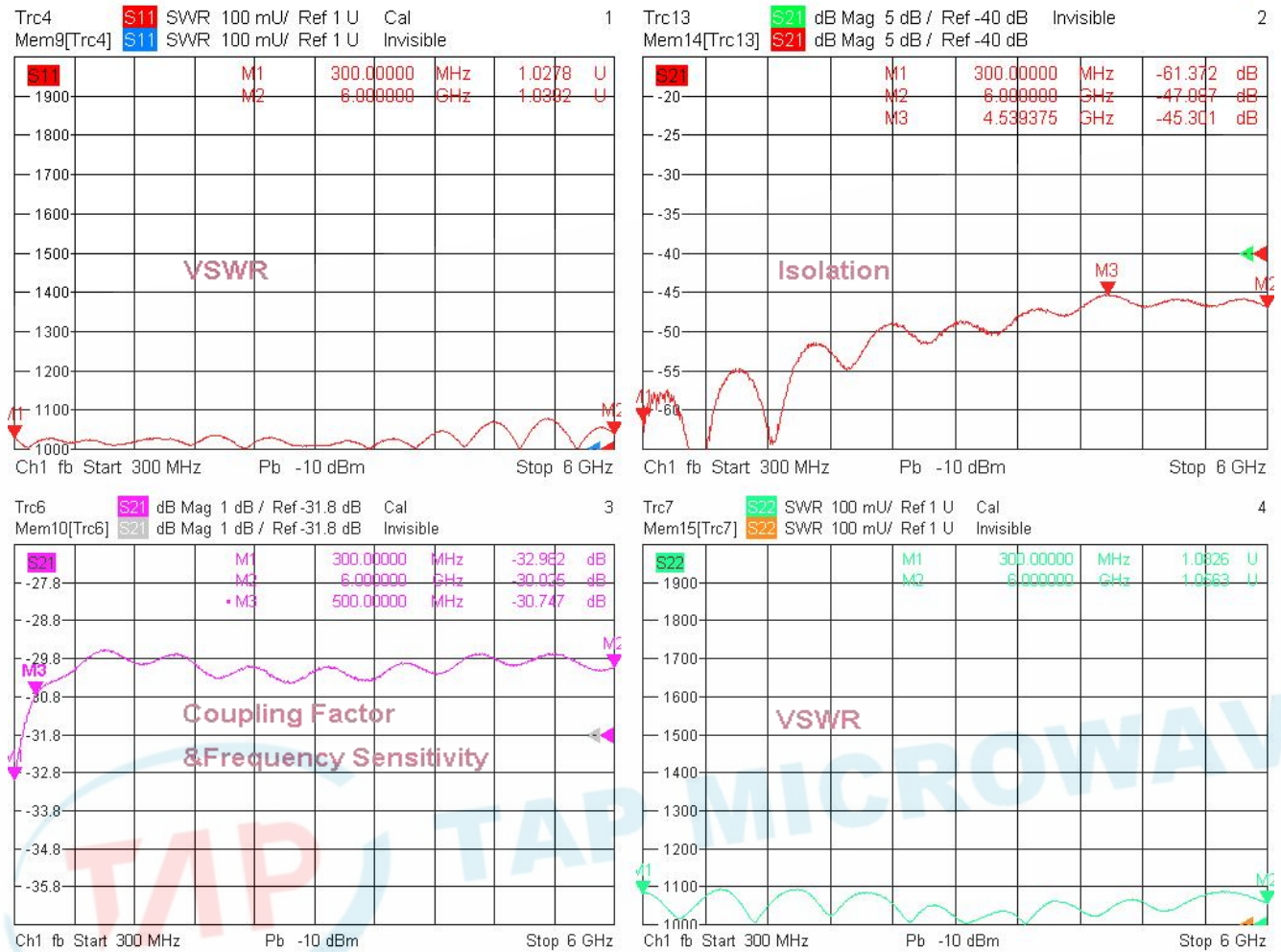


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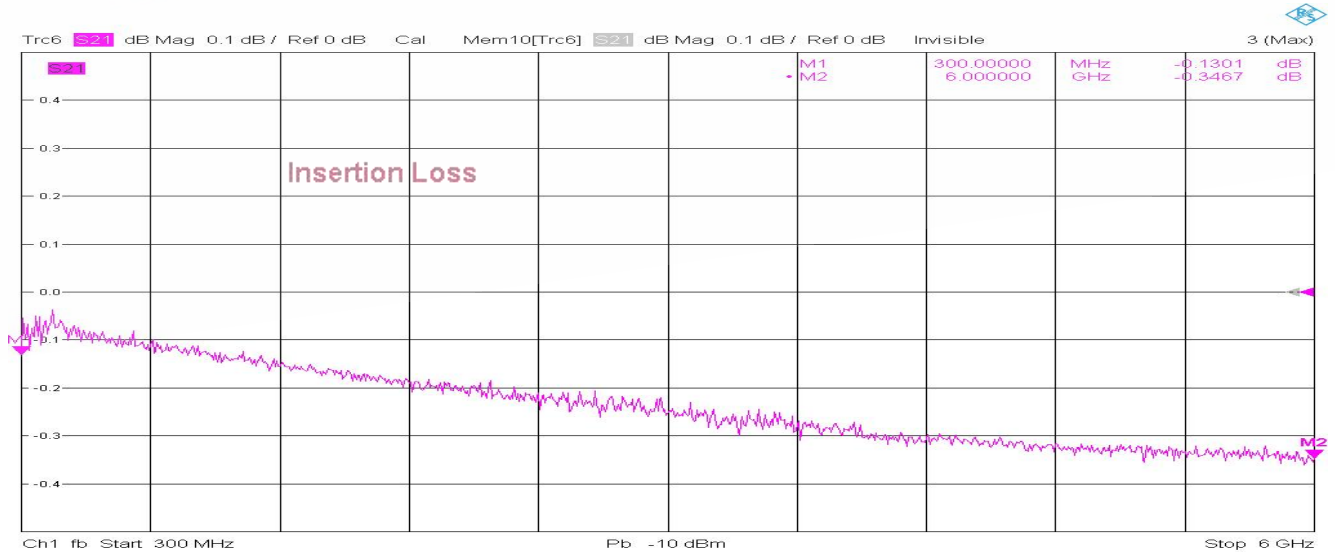
Typical Performance

4. Coupling Factor & Sensitivity, Isolation, VSWR



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5. Insertion Loss



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