

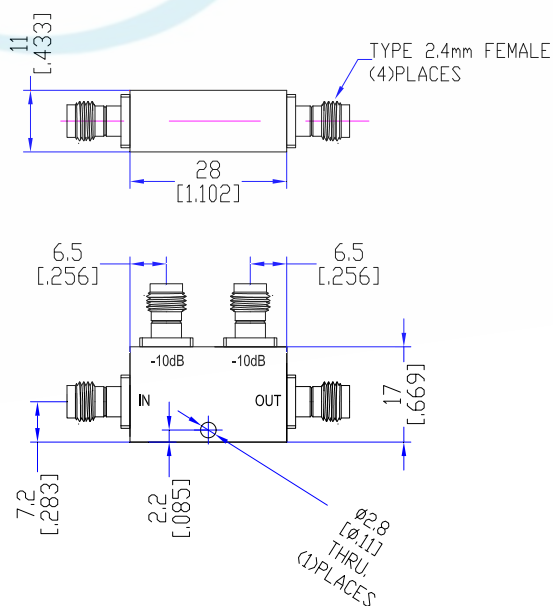
Model TDC100500A10B

Features

Low VSWR
High Directivity
Broadband & Miniature Size

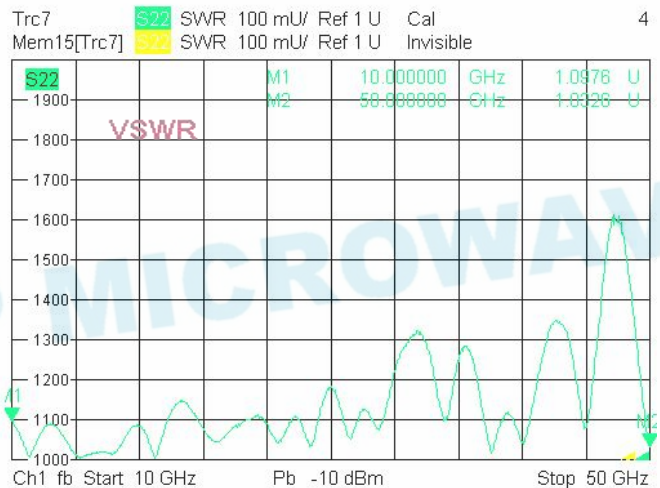
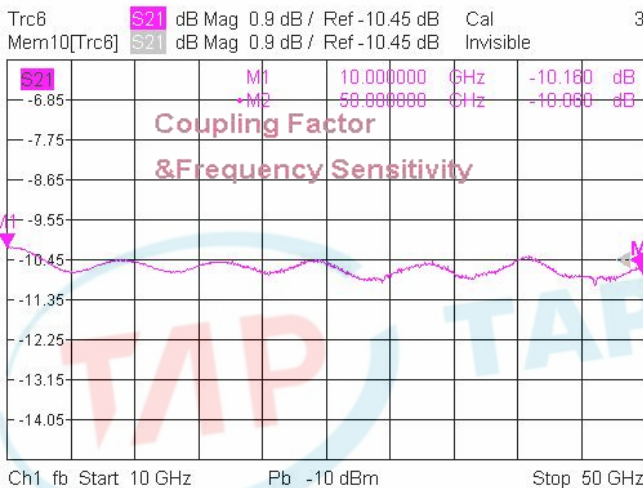
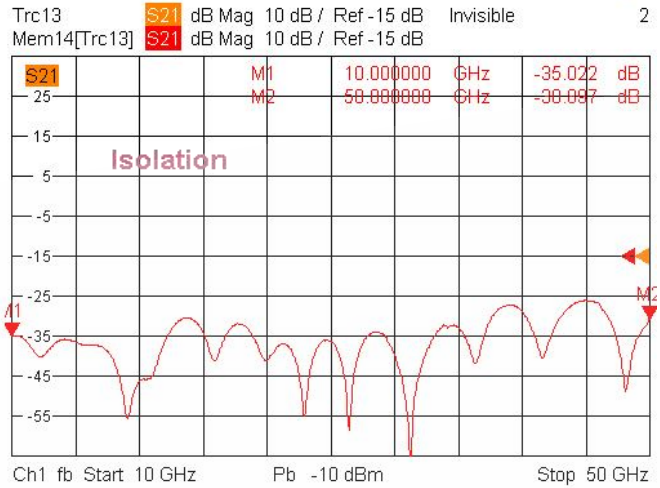
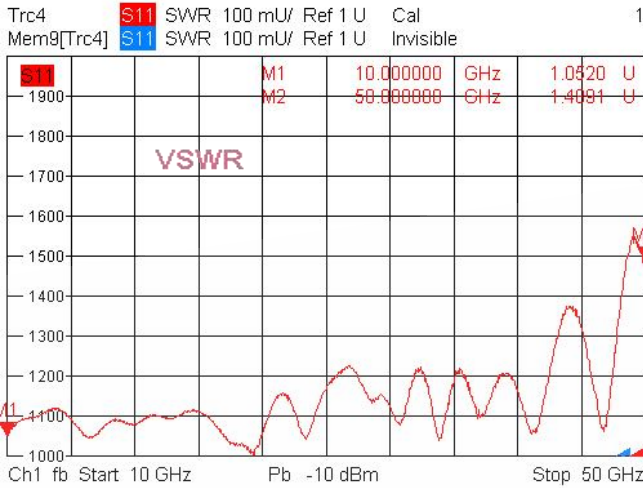
Technical Data Sheet			
Frequency Range	10~50GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.8dB (Excl. Coupling Loss 0.46dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤10±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.8dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥5dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.90:1 Secondary ≤1.90:1	Operating Temperature	-55~+85°C
¹ Power Handling	Incident ≤10Watt; Reflected ≤10Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	20g
Port Connectors	Input: 2.4mm-Female Others: 2.4mm-Female		

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

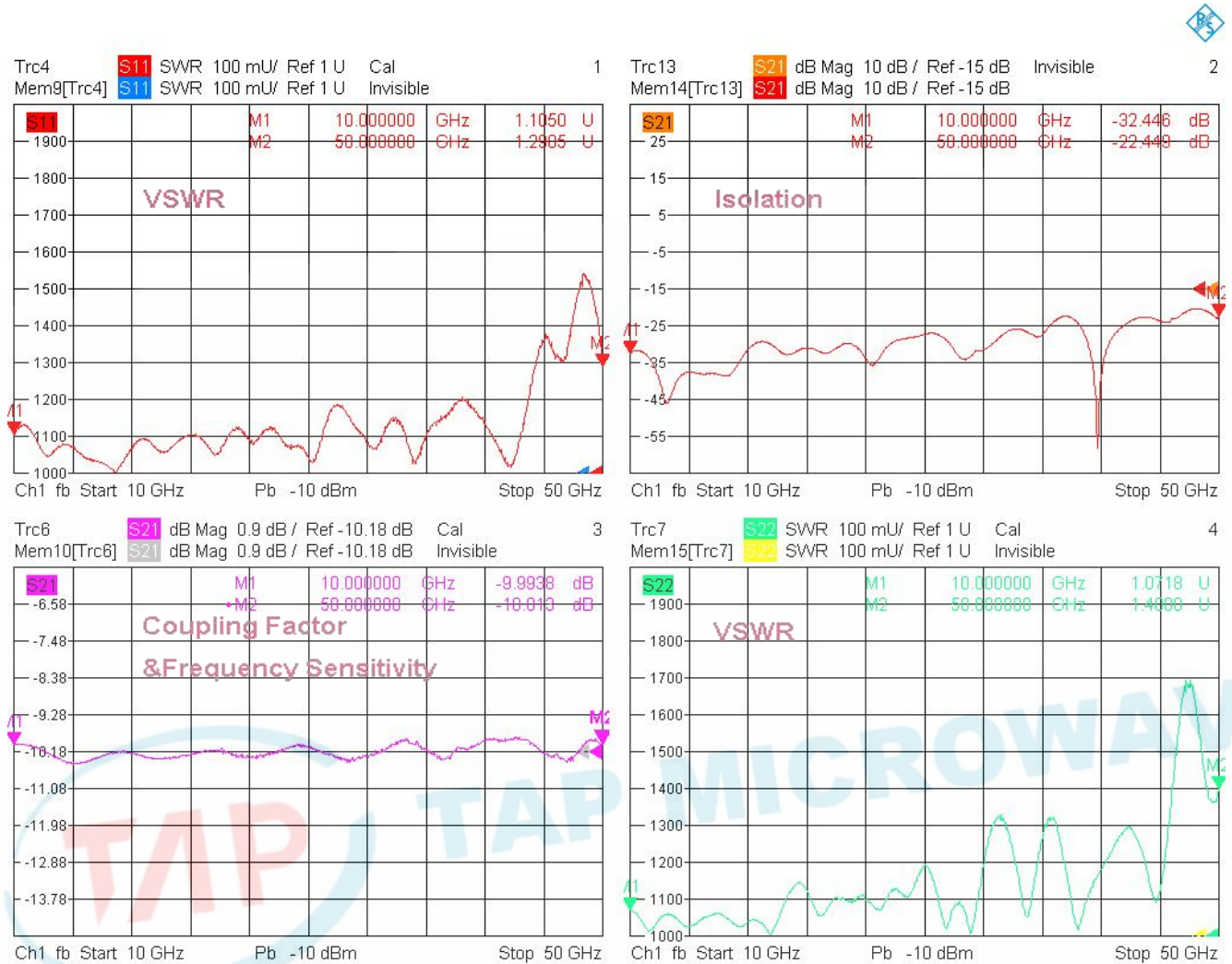


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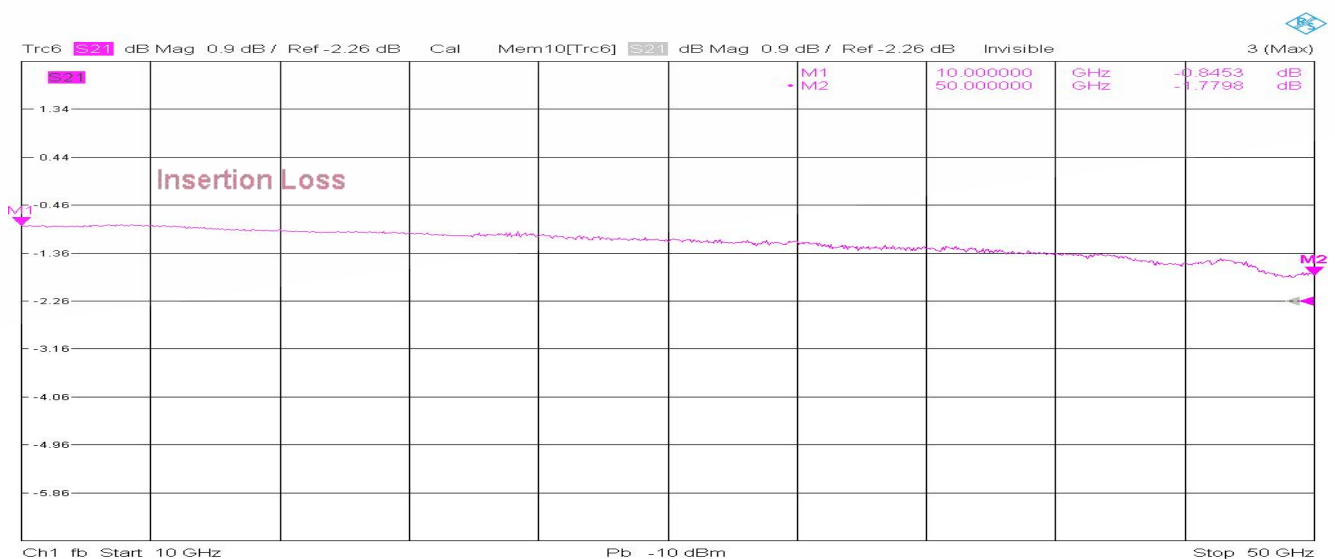
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



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3. Insertion Loss



11/18/2024, 11:10 AM

