

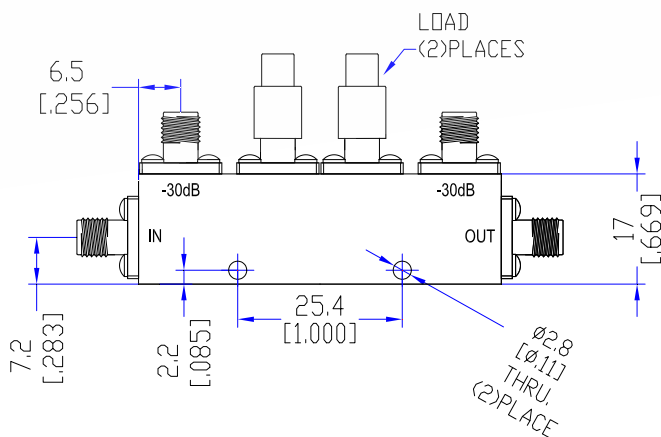
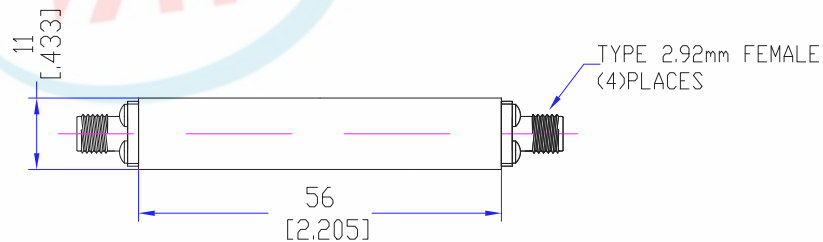
Model TDC180400A30D

Features

Low VSWR
High Directivity
Broadband & Miniature Size

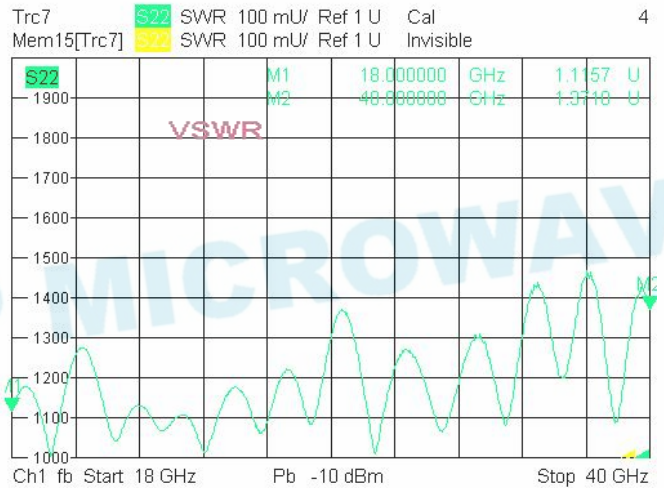
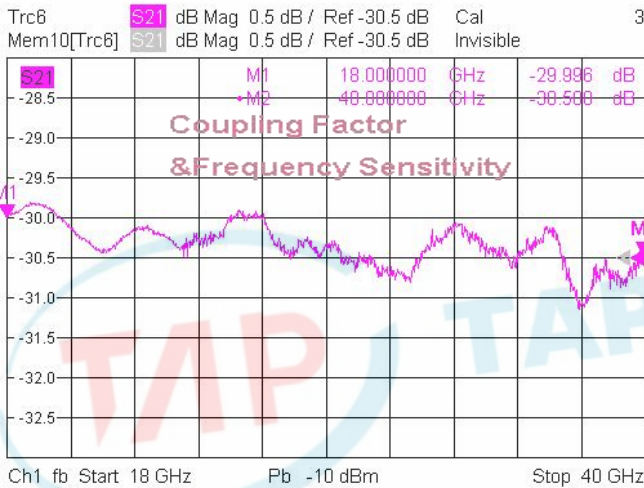
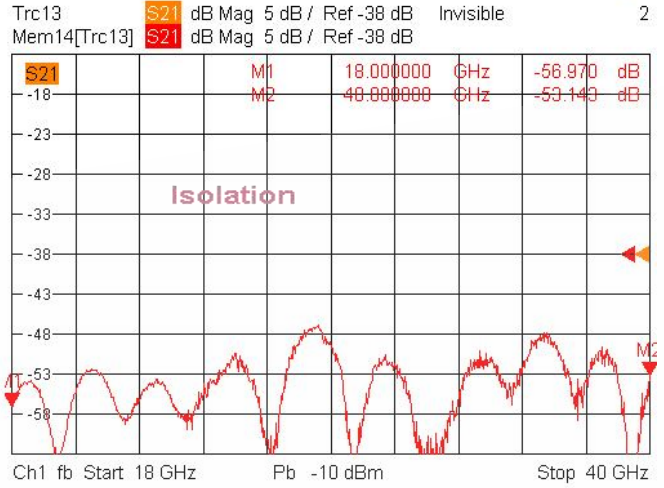
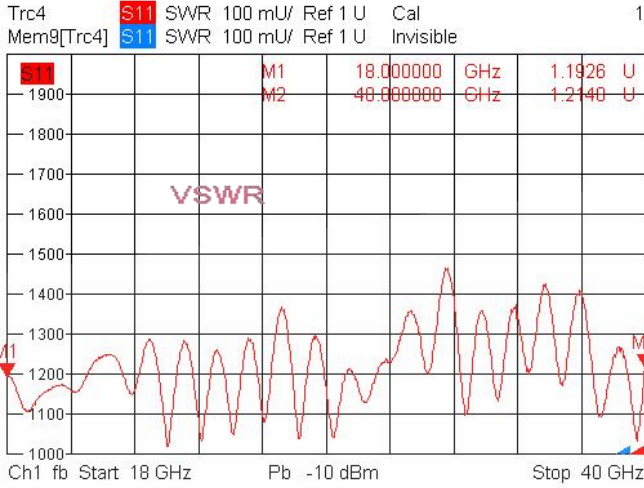
Technical Data Sheet			
Frequency Range	18~40GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.8dB (Excl. Coupling Loss 0.01dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤30±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥8dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.70:1 Secondary ≤1.70:1	Operating Temperature	-55~+85°C
¹ Power Handling	Incident ≤20Watt; Reflected ≤20Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	50g
Port Connectors	2.92mm-Female		

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

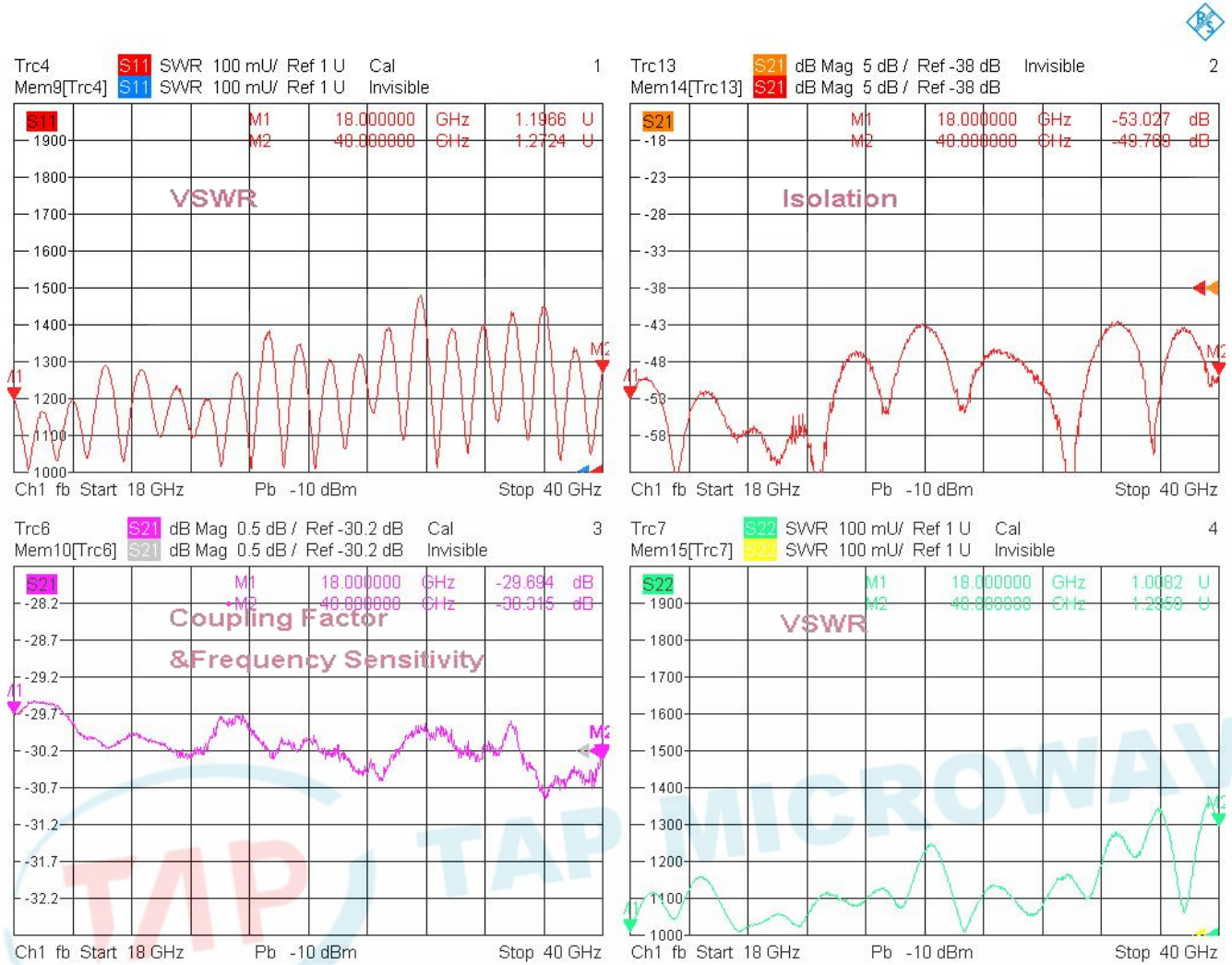


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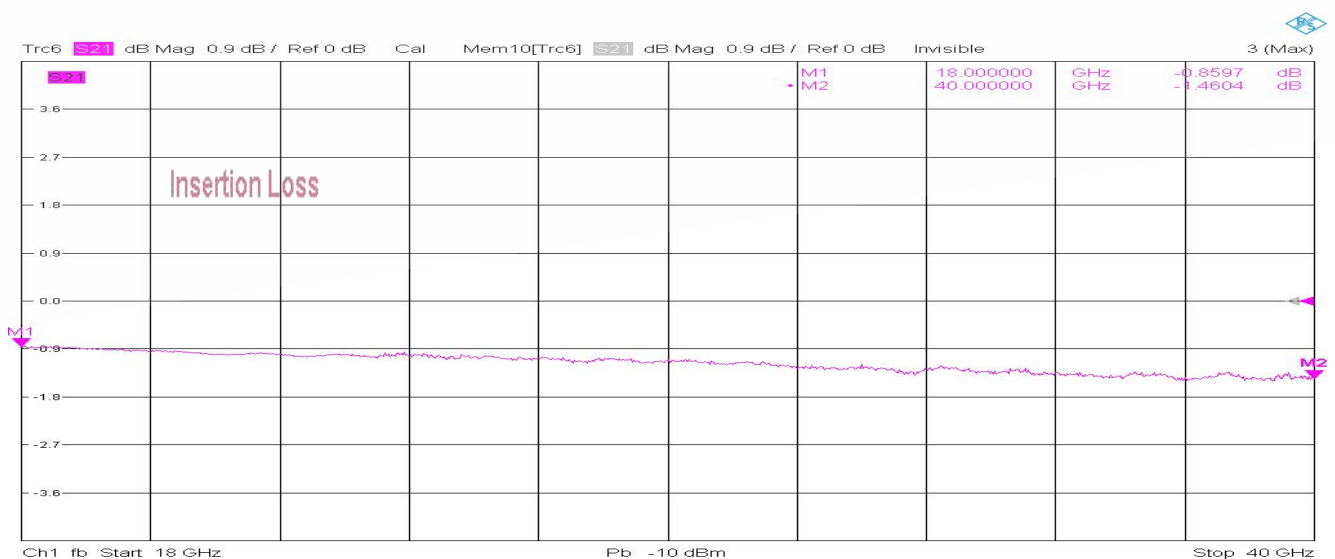
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



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3. Insertion Loss



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