

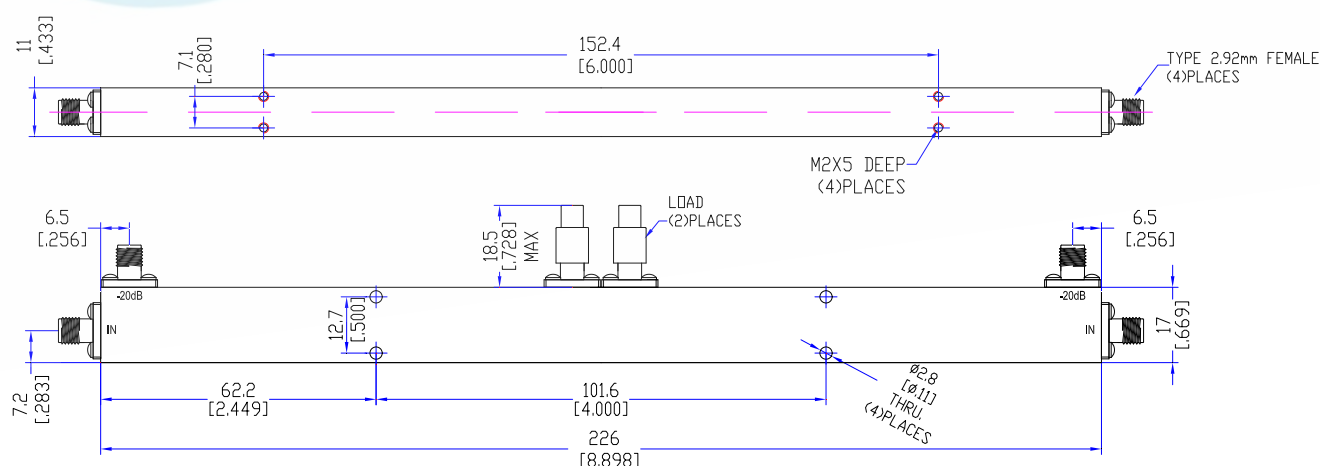
Model TDC05400A20D

Features

Low VSWR
High Directivity
Broadband & Miniature Size

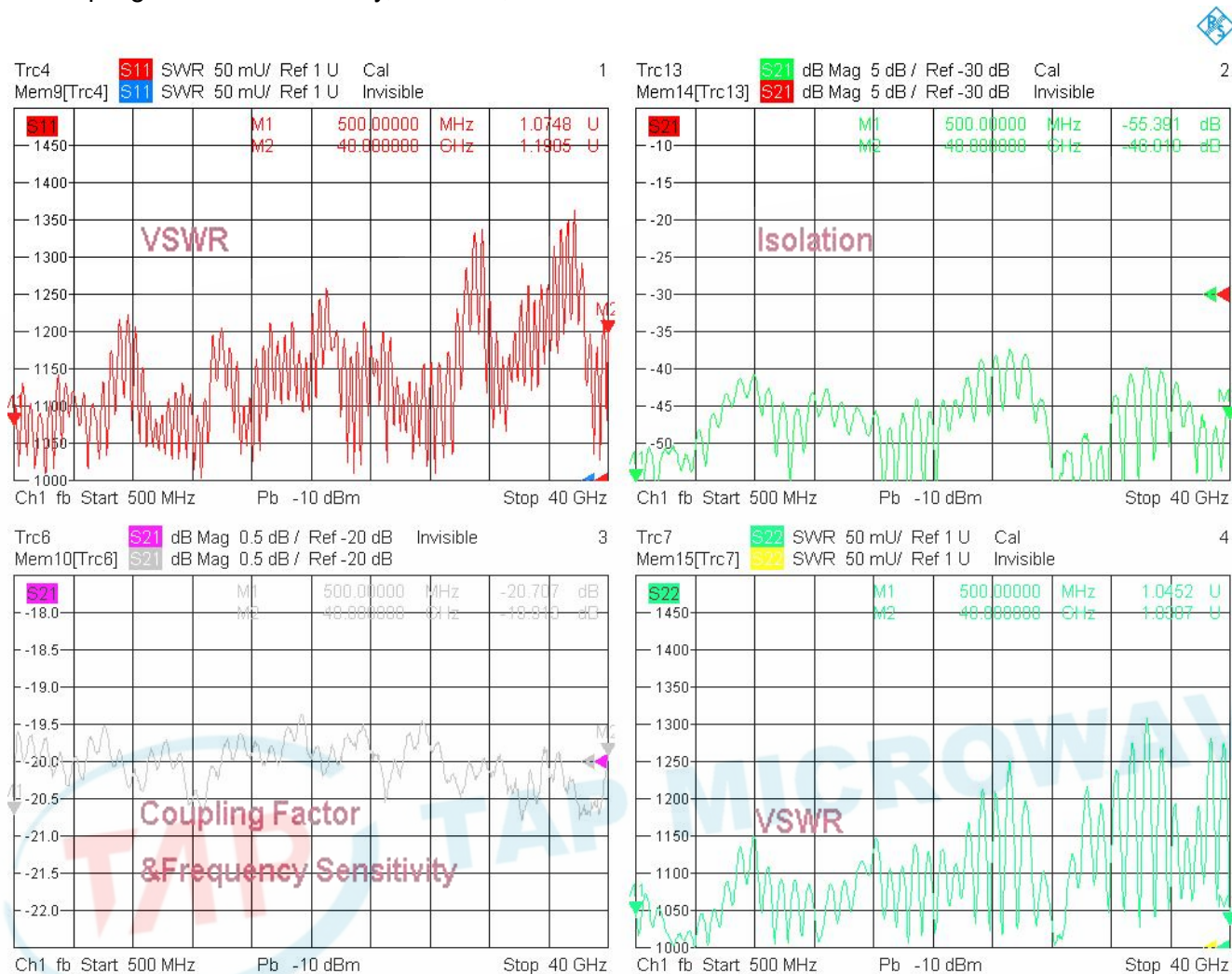
Technical Data Sheet			
Frequency Range	0.5~40GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤4.5dB (Excl. Coupling Loss 0.08dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤20±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.2dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥10dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.80:1 Secondary ≤1.80:1	Operating Temperature	-25~+65℃
¹ Power Handling	Incident ≤10Watt; Reflected ≤10Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	130g
Port Connectors	2.92mm-Female		

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



Typical Performance

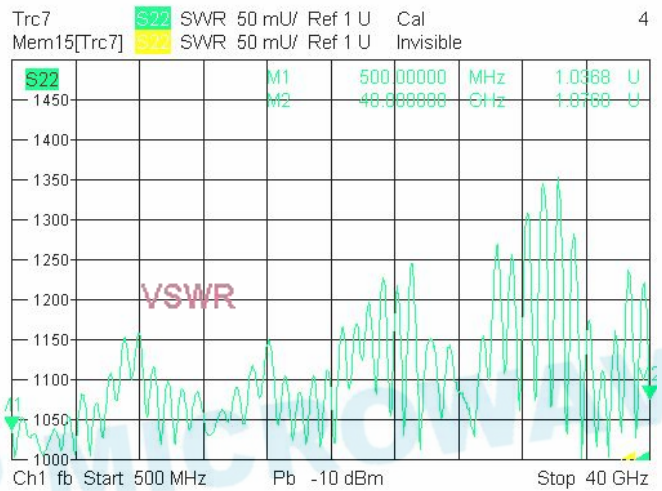
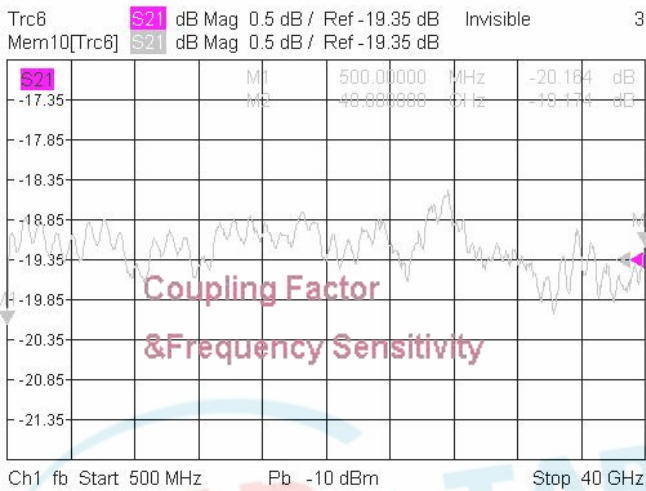
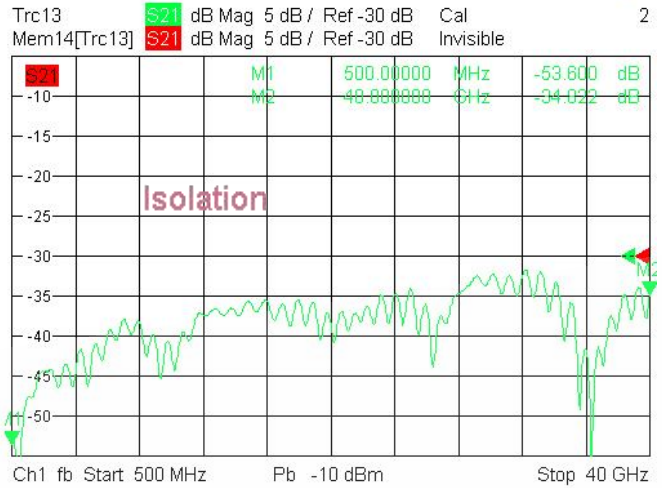
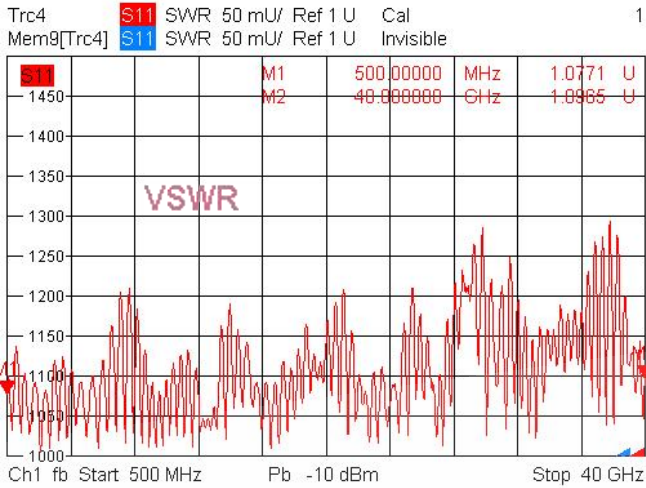
1. Coupling Factor & Sensitivity, Isolation, VSWR



8/25/2025, 2:11 PM

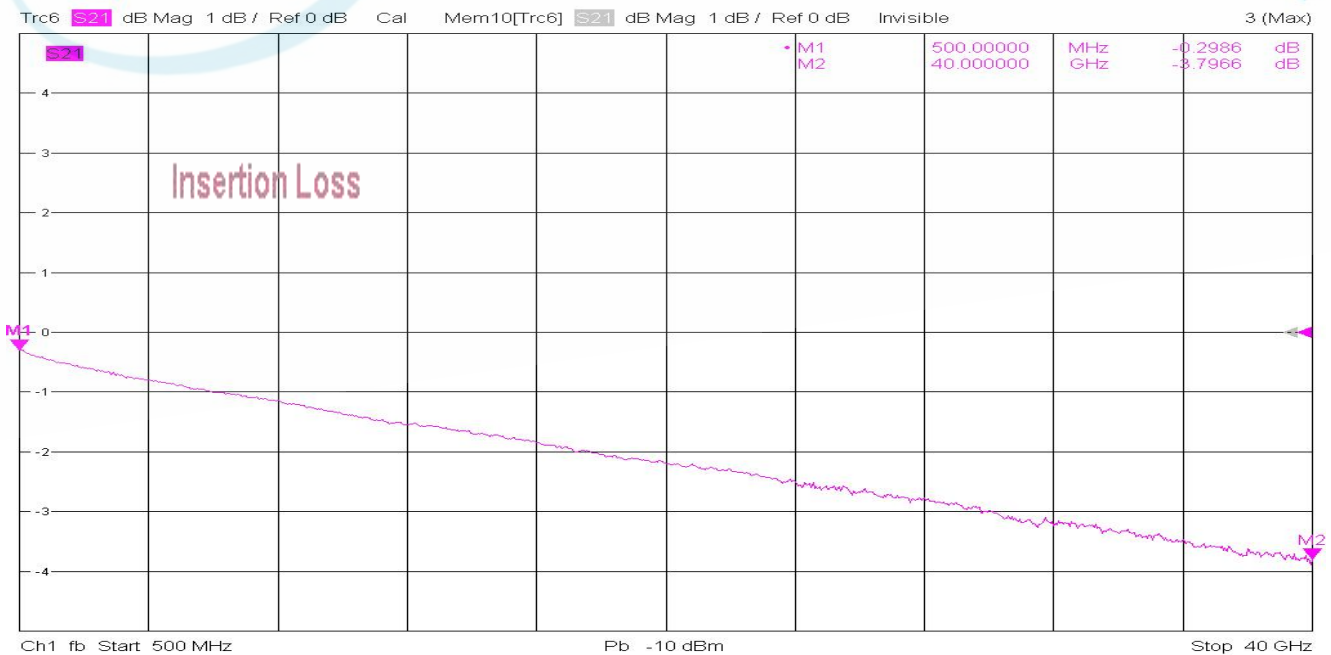
2. Coupling Factor & Sensitivity, Isolation, VSWR





8/25/2025, 2:10 PM

3. Insertion Loss



8/25/2025, 2:11 PM

