

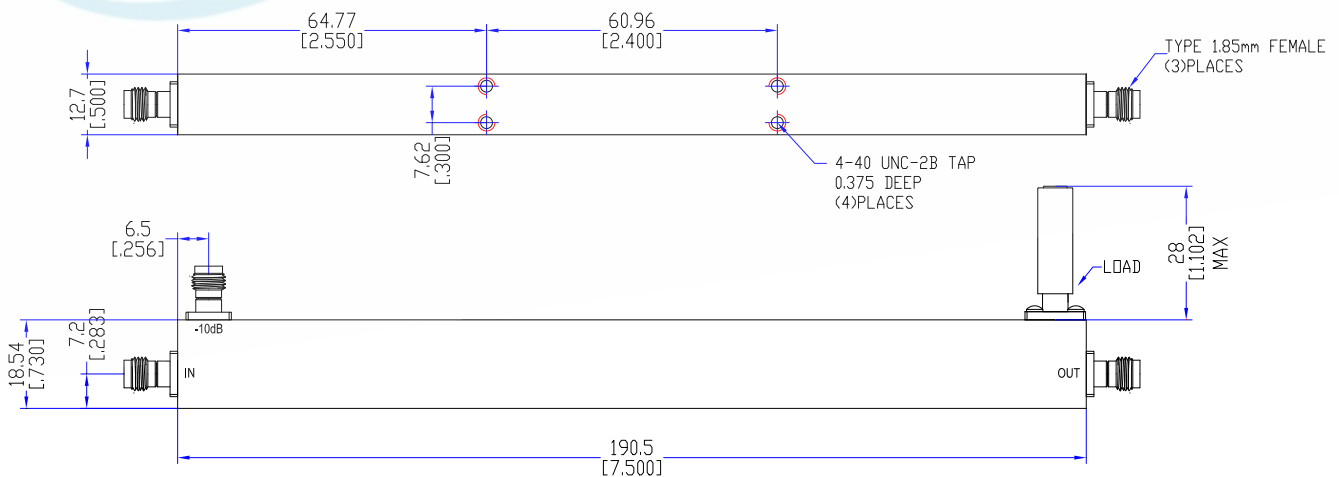
Model TDC02527A11A

Features

Low VSWR
High Directivity
Broadband & Miniature Size

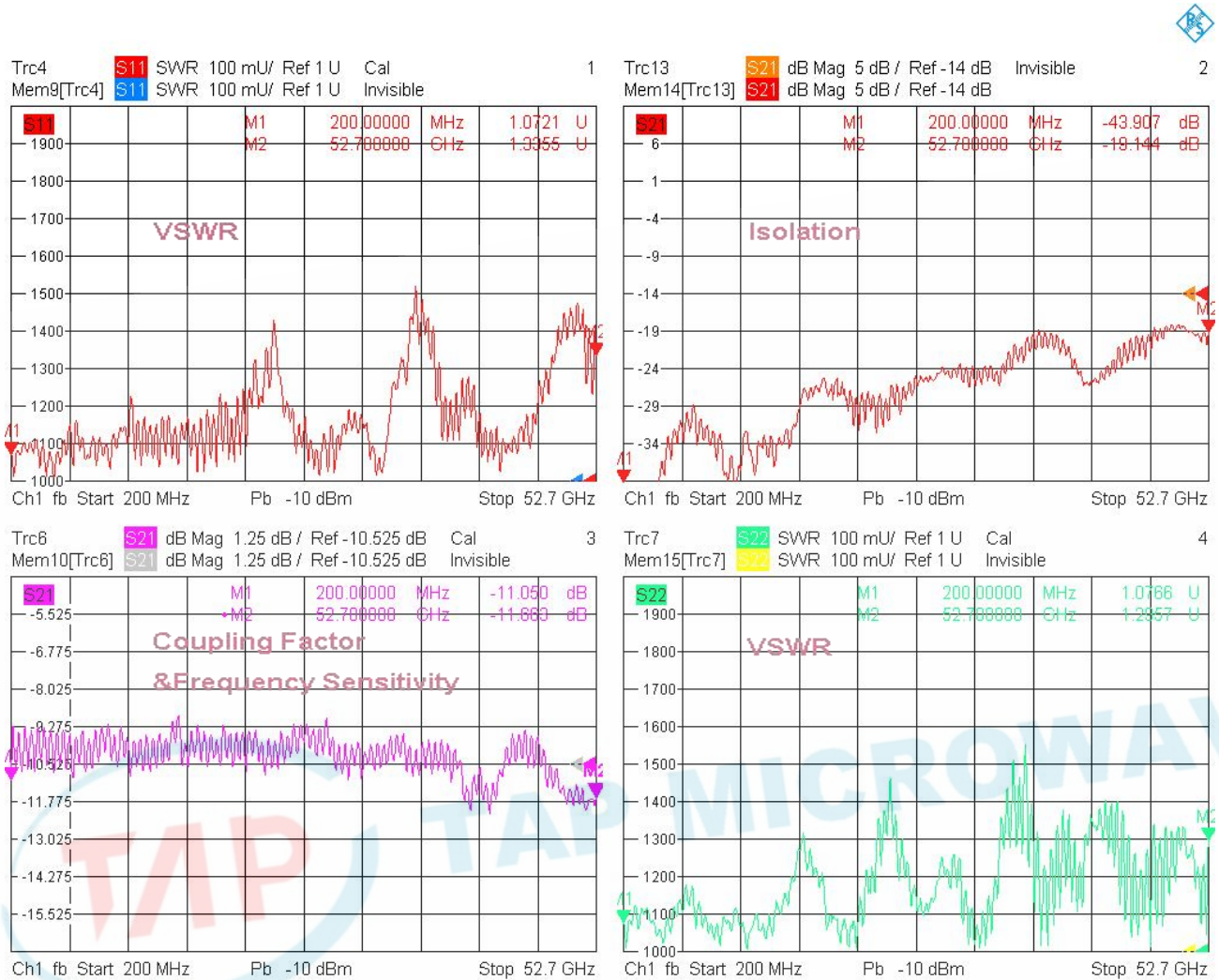
Technical Data Sheet			
Frequency Range	0.2~52.7GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤7.5dB (Excl. Coupling Loss 0.36dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤11±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±2.5dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥3dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤2.00:1 Secondary ≤2.00:1	Operating Temperature	-10~+65°C
¹ Power Handling	Incident ≤5Watt; Reflected ≤0.5Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	70g
Port Connectors	1.85mm-Female		

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



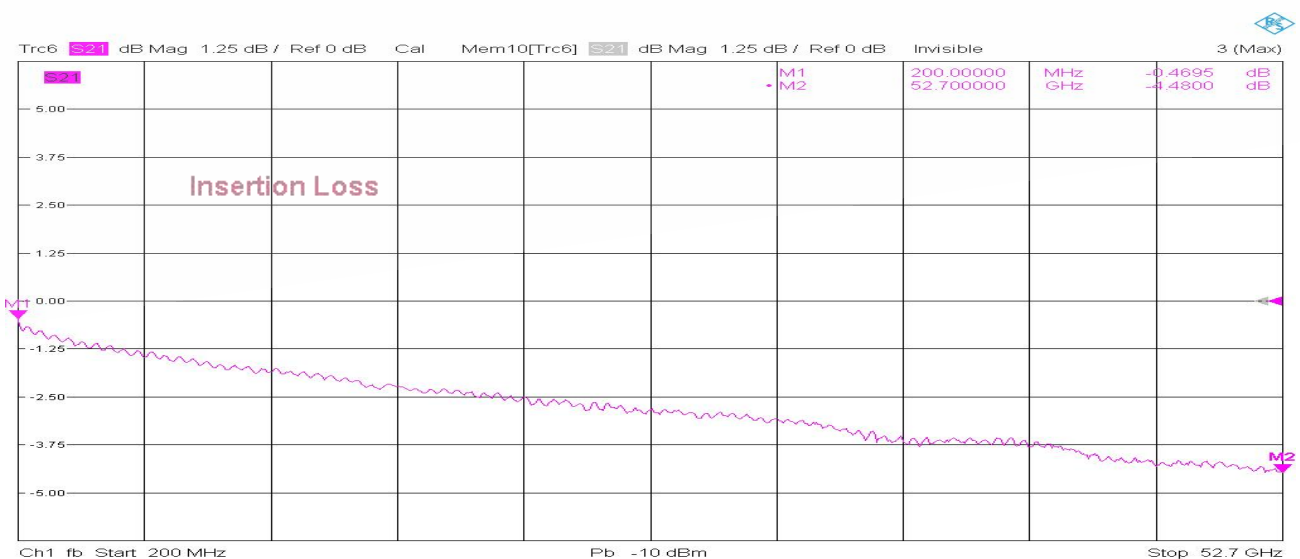
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



1/13/2025, 9:13 AM

2. Insertion Loss



1/13/2025, 9:14 AM

