

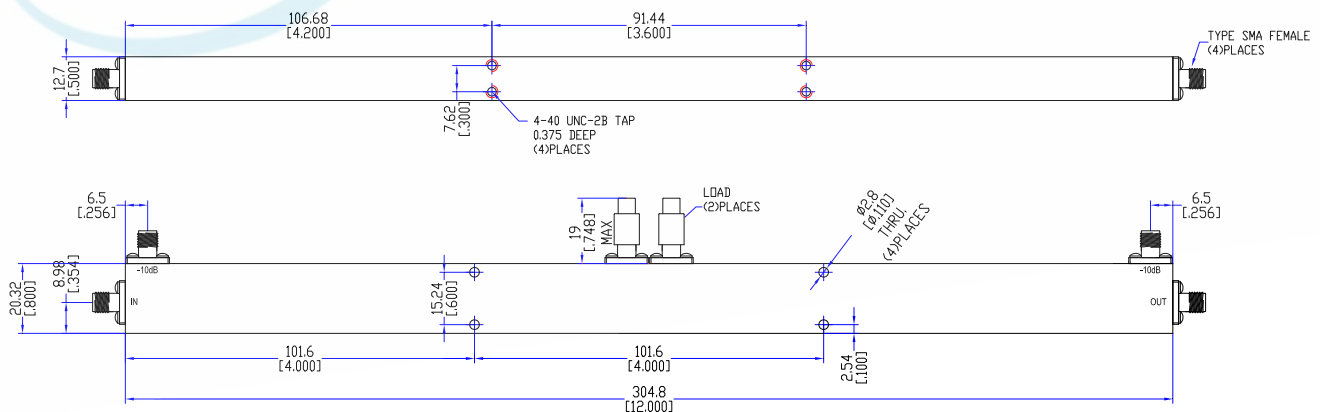
Model TDC03180A10DA

Features

Low VSWR
High Directivity
Broadband & Miniature Size

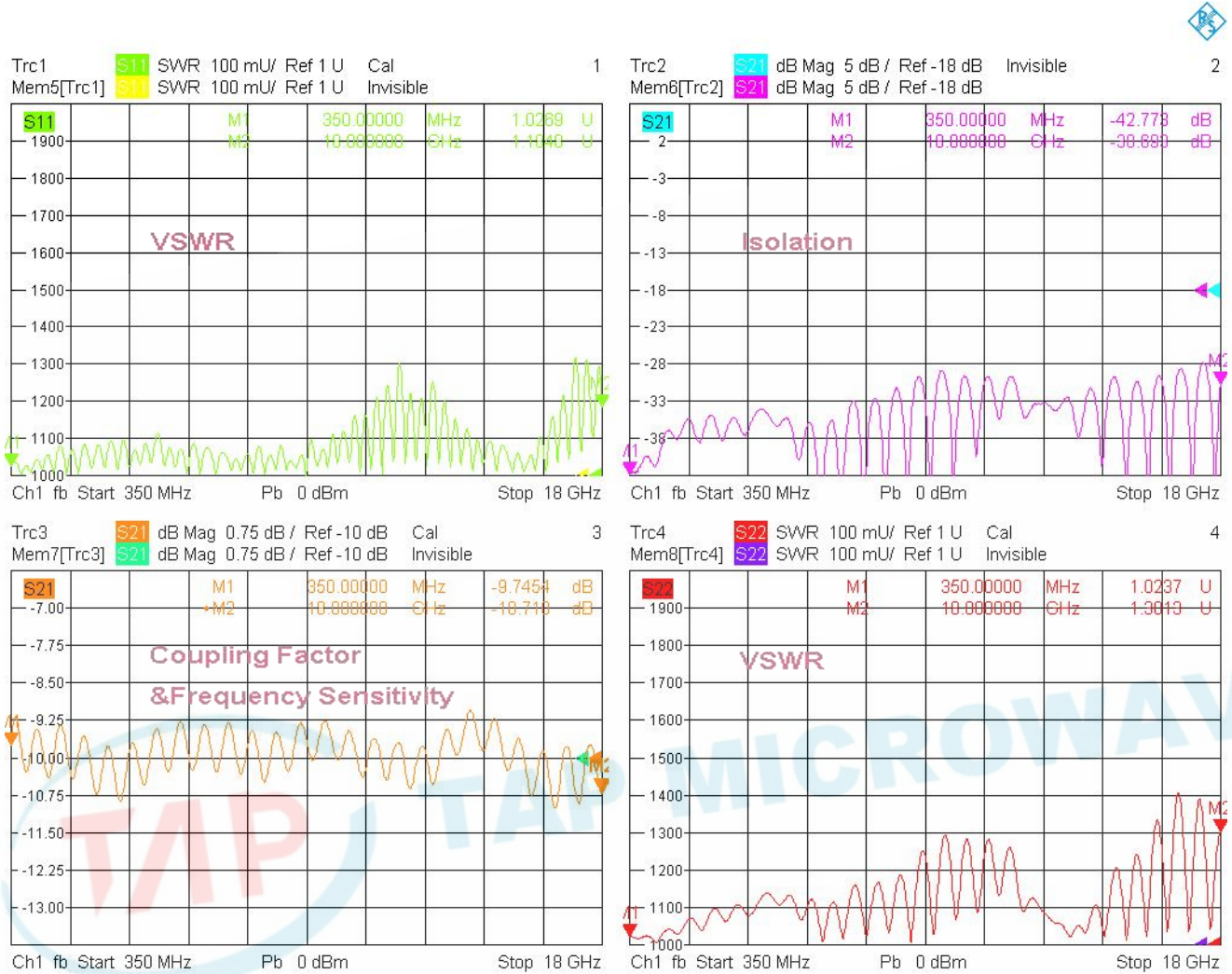
Technical Data Sheet			
Frequency Range	0.35~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.9dB (Excl. Coupling Loss 0.92dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤10±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.5dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥8dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.60:1 Secondary ≤1.60:1	Operating Temperature	-25~+65°C
¹ Power Handling	Incident ≤5Watt; Reflected ≤5Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	210g
Port Connectors	SMA-Female		

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



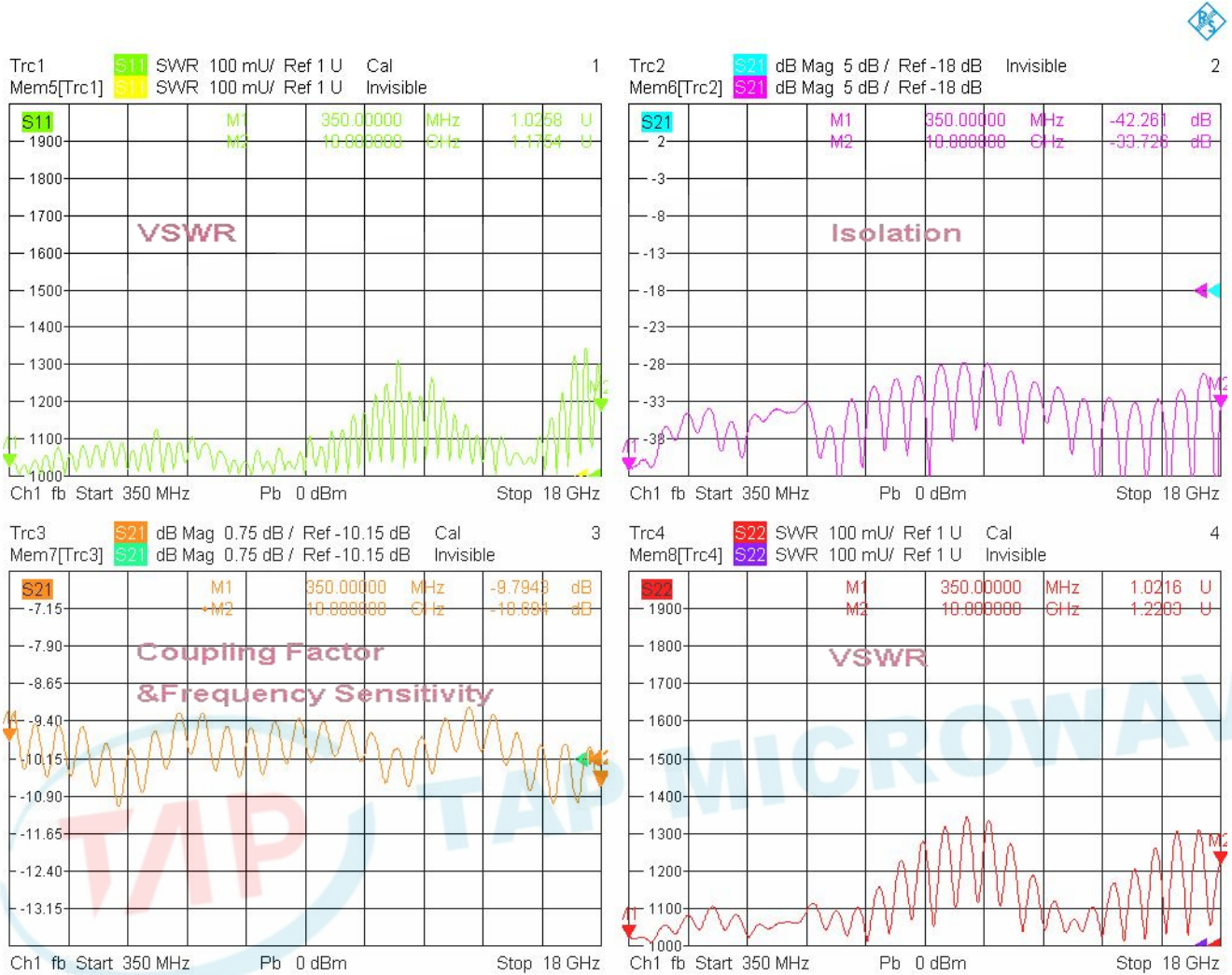
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



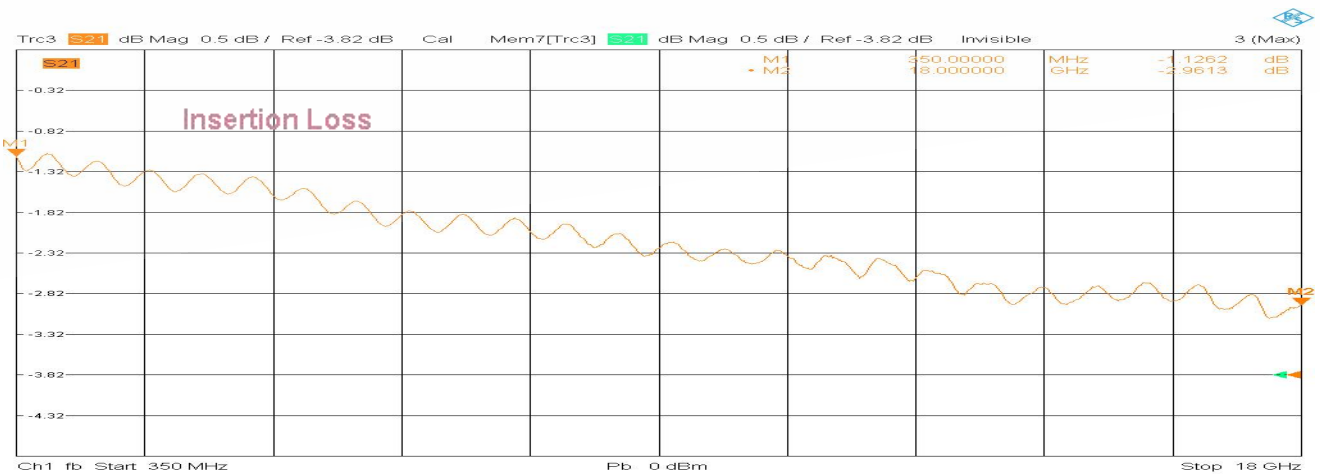
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



8/10/2022, 1:54 PM

3. Insertion Loss



8/10/2022, 1:52 PM

