

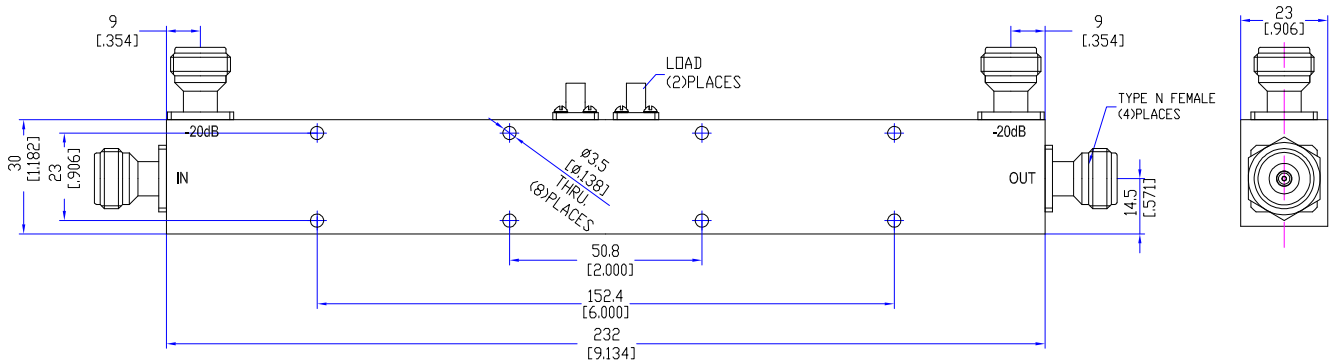
Model TDC05127N20D

Features

Low VSWR
High Directivity
Broadband & Miniature Size

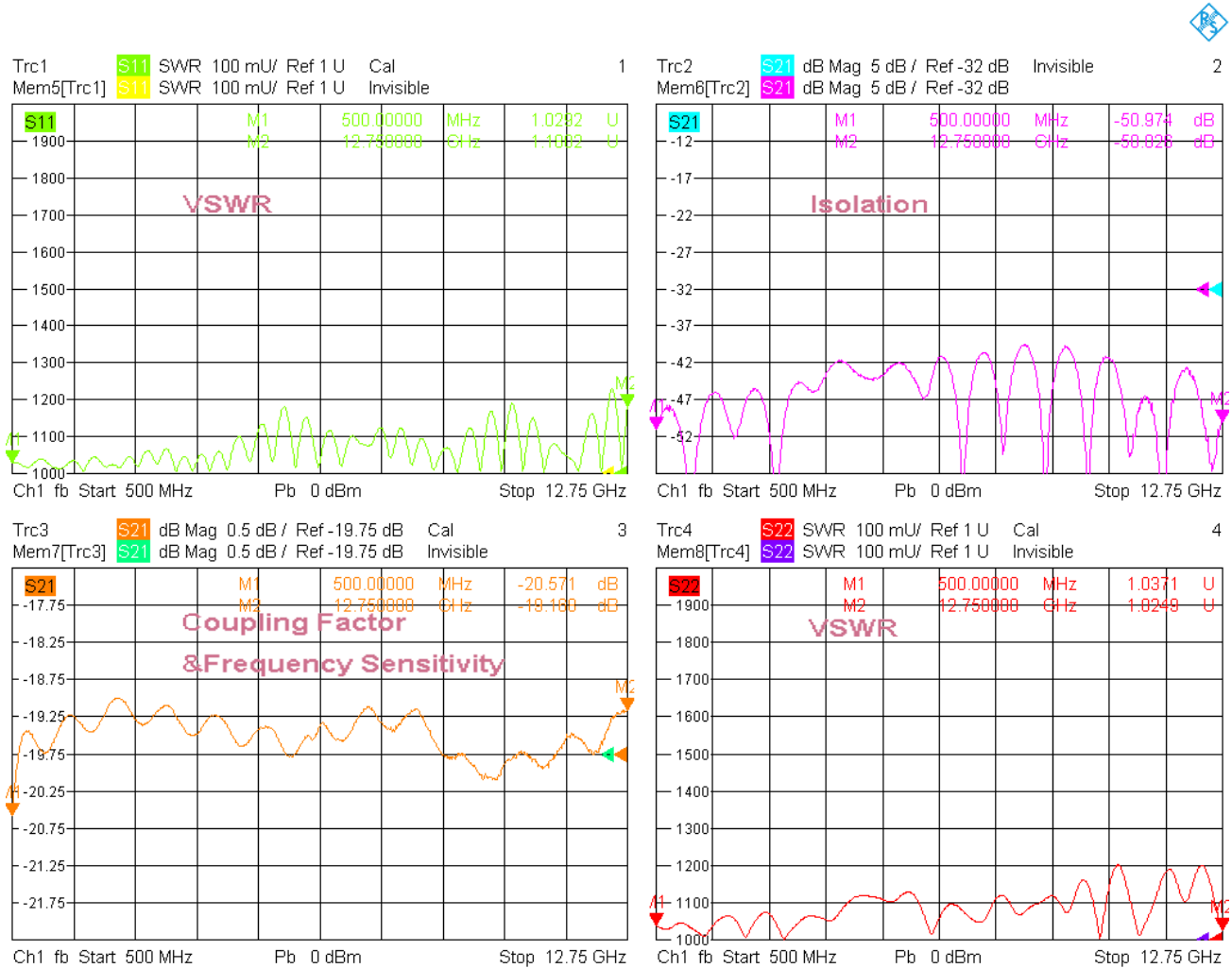
Technical Data Sheet			
Frequency Range	0.5~12.75GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.8dB (Excl. Coupling Loss 0.04dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤20±1dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥12dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.50:1 Secondary ≤1.50:1	Operating Temperature	-40~+85°C
¹ Power Handling	Incident ≤30Watt; Reflected ≤30Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	510g
Port Connectors	N-Female		

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

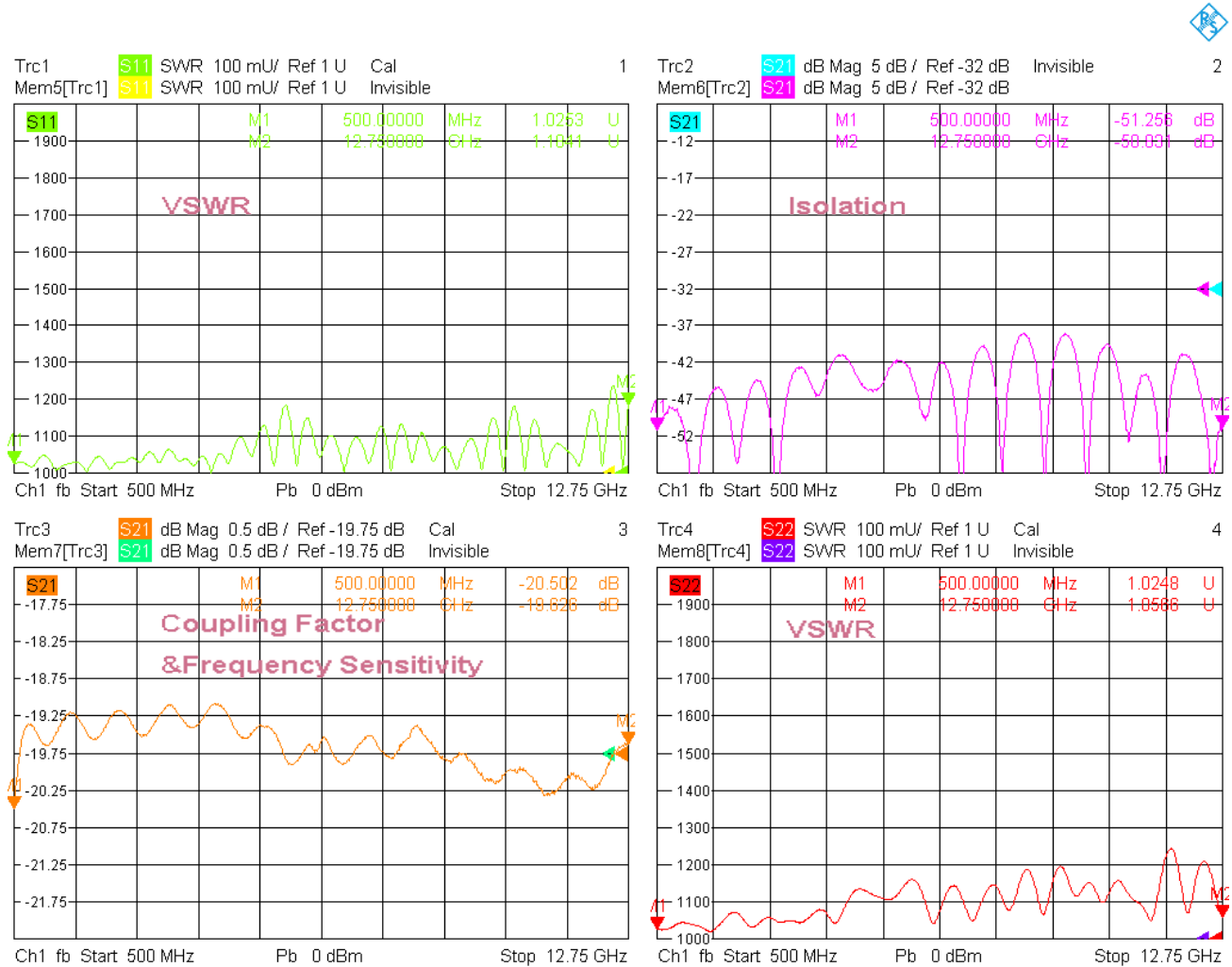


11/5/2021, 5:42 PM



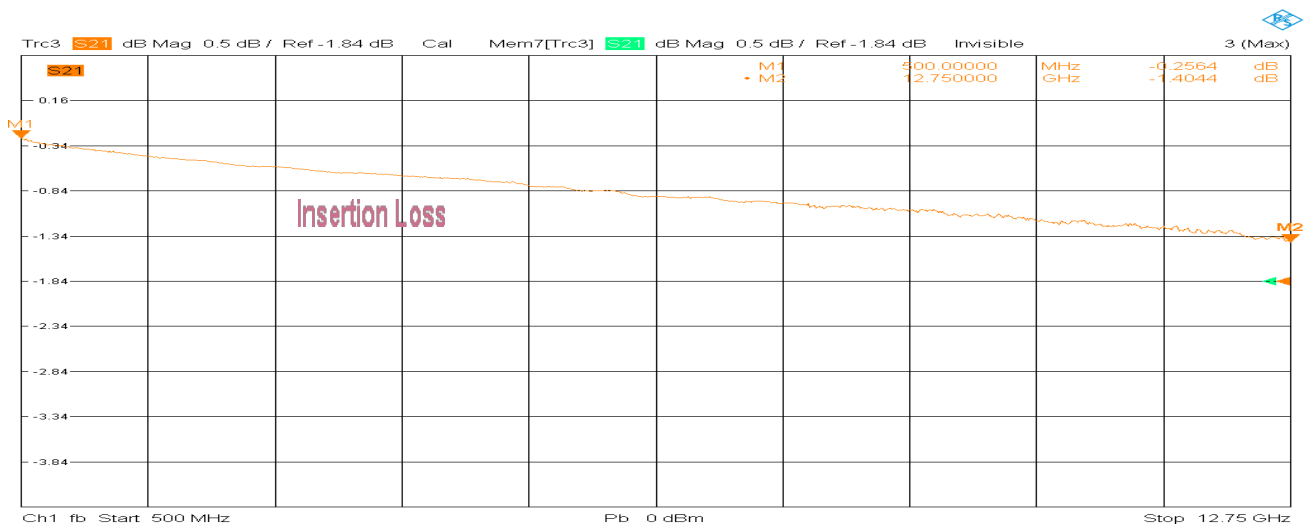
Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



11/5/2021, 5:41 PM

3. Insertion Loss



11/5/2021, 5:43 PM

