

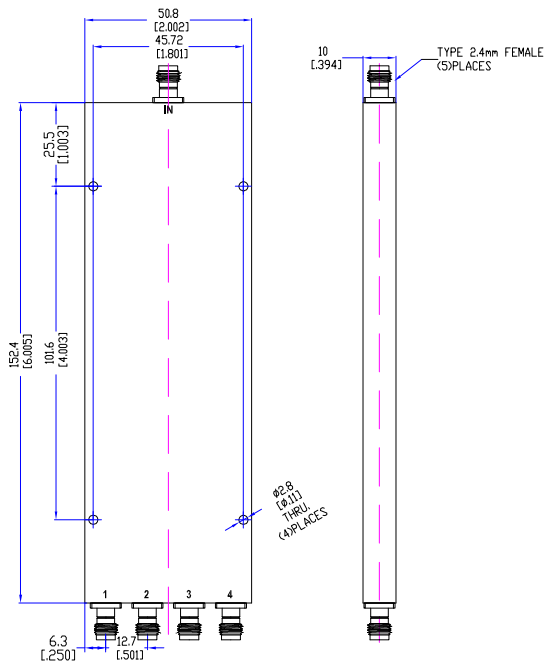
Model TP10500A4

Features

- Excellent phase& amplitude balance
- Low Insertion Loss& VSWR
- High Isolation

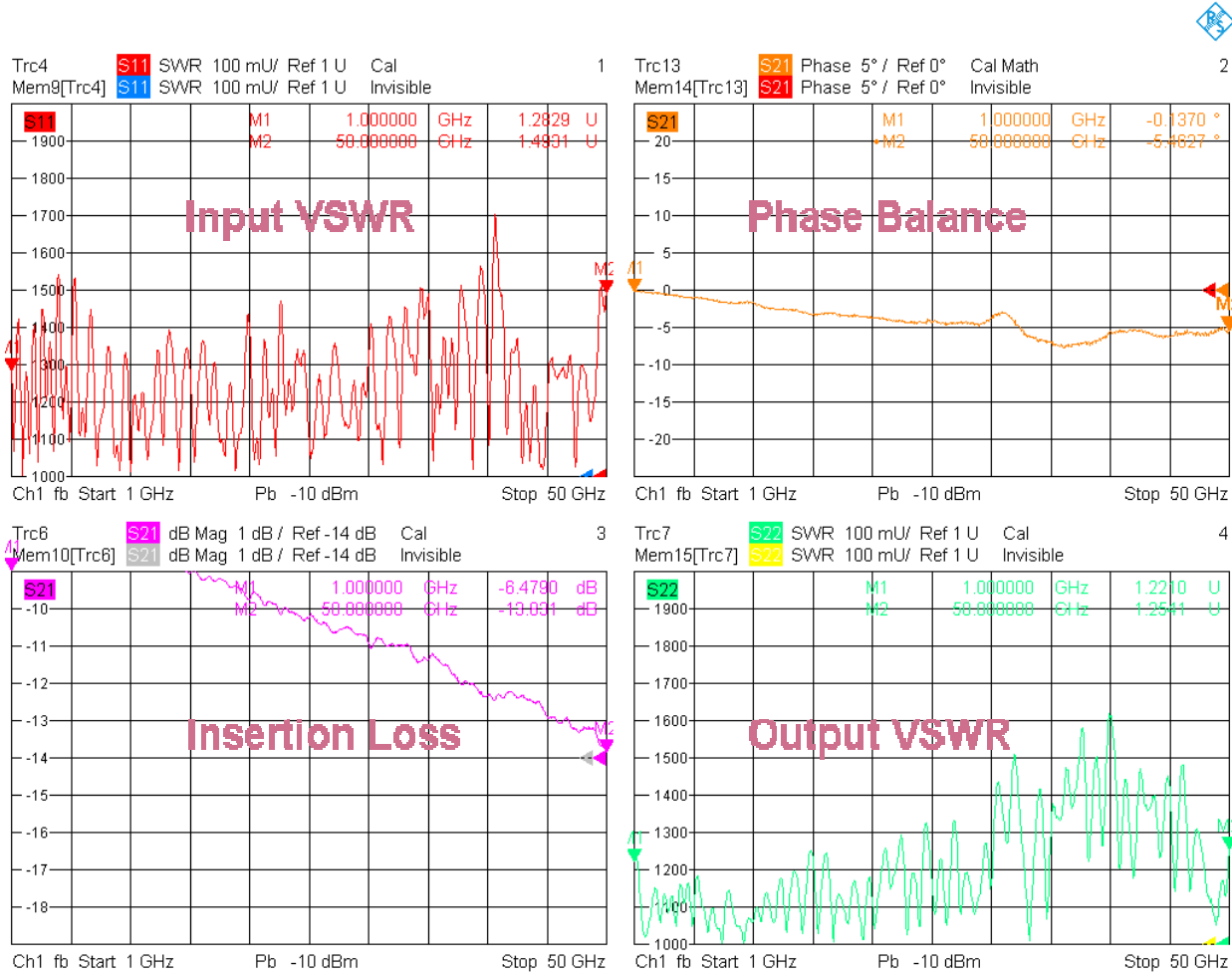
Technical Data Sheet			
Frequency Range	1~50GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤10dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.90:1 Output ≤1.80:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥8dB@48.5-50GHz, ≥14dB@1-48.4GHz,	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±15°	Operating Temperature	-55~+85°C
Power Handling	Forward ≤10Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	160g
Port Connectors	2.4mm-Female		

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



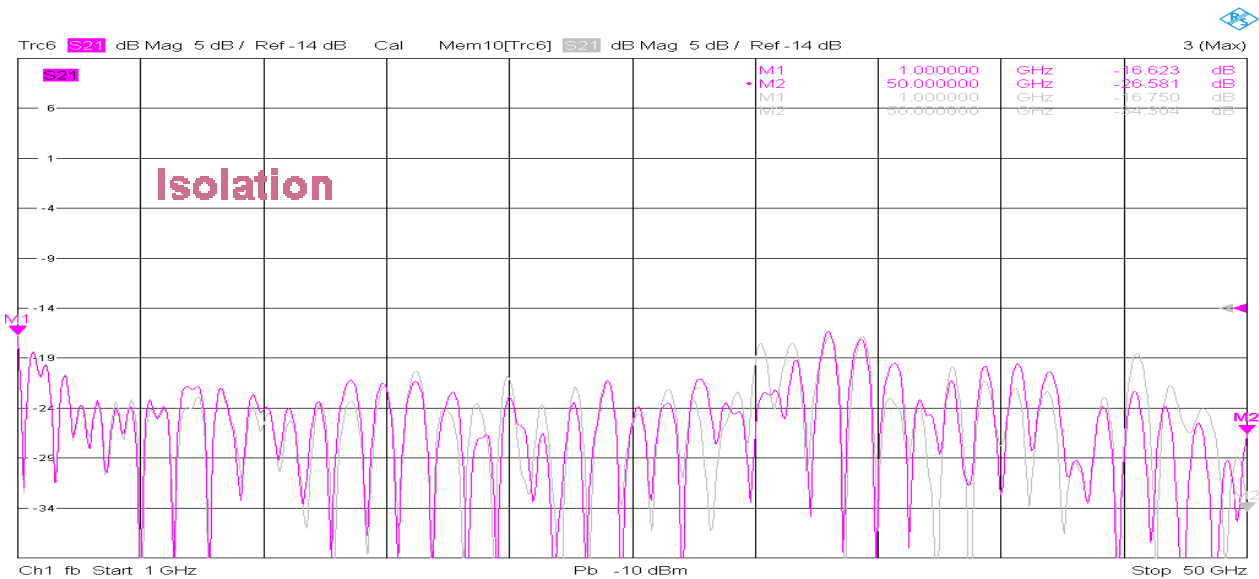
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



11/7/2022, 11:12 AM

2. Isolation



11/7/2022, 11:20 AM

