

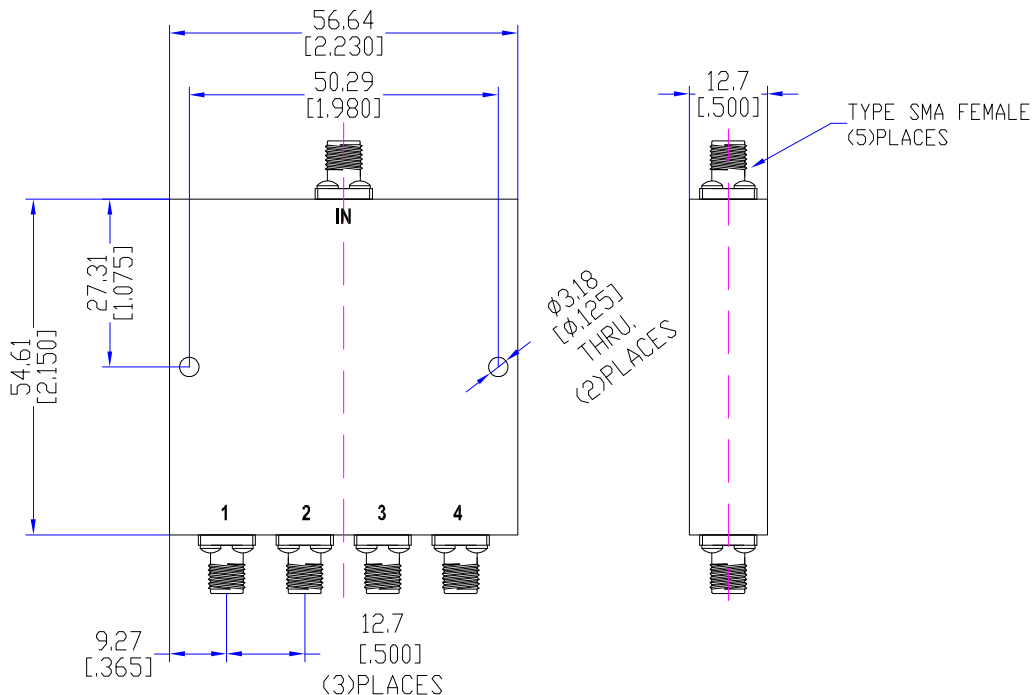
Model TPD50180A4

Features

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

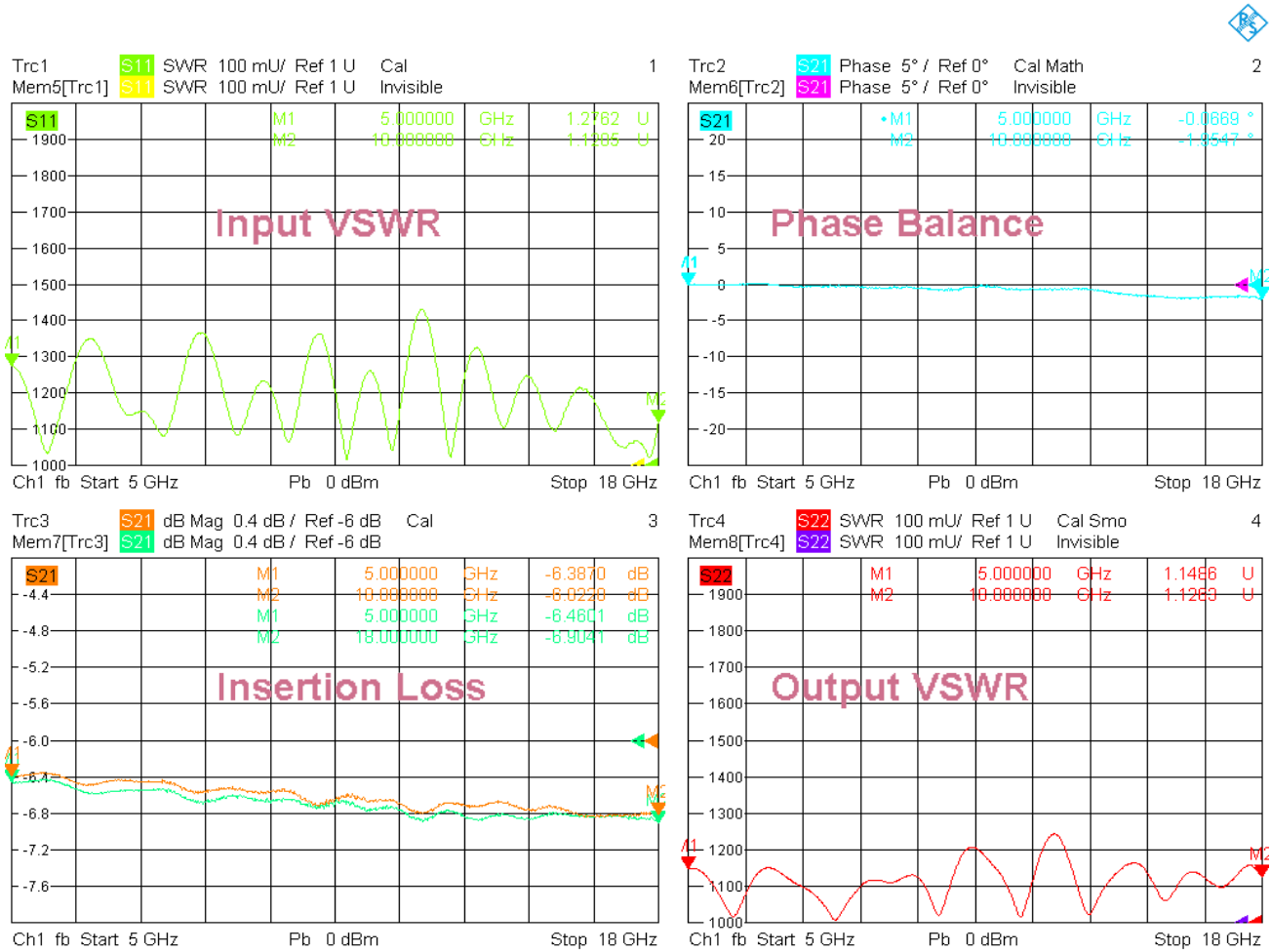
Technical Data Sheet			
Frequency Range	5~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.8dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.50:1 Output ≤1.40:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥17dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤0.4dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	110g
Port Connectors	SMA-Female		

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



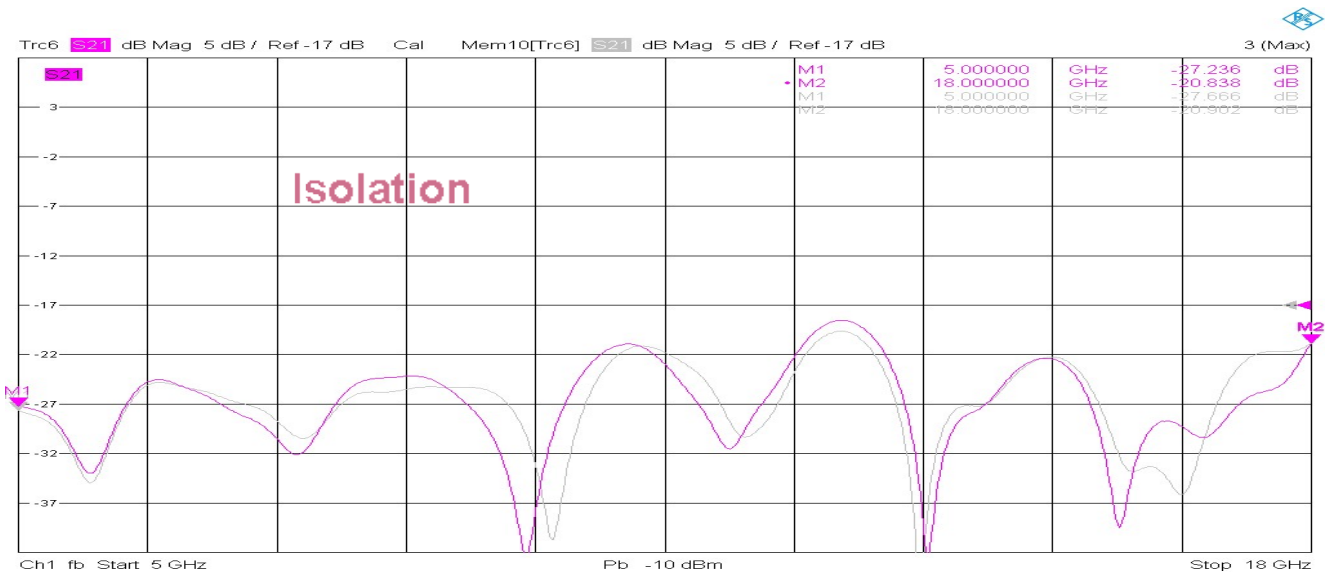
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



10/19/2021, 6:22 PM

2. Isolation



10/19/2021, 5:14 PM

