

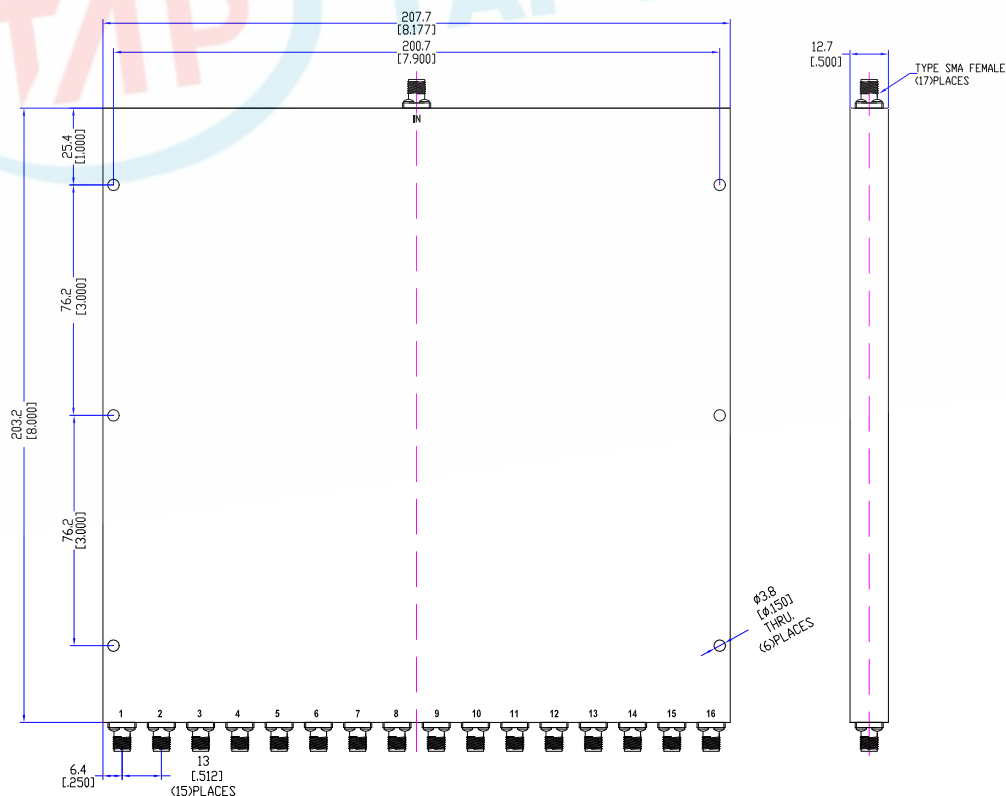
Model TPD10180A16

Features

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

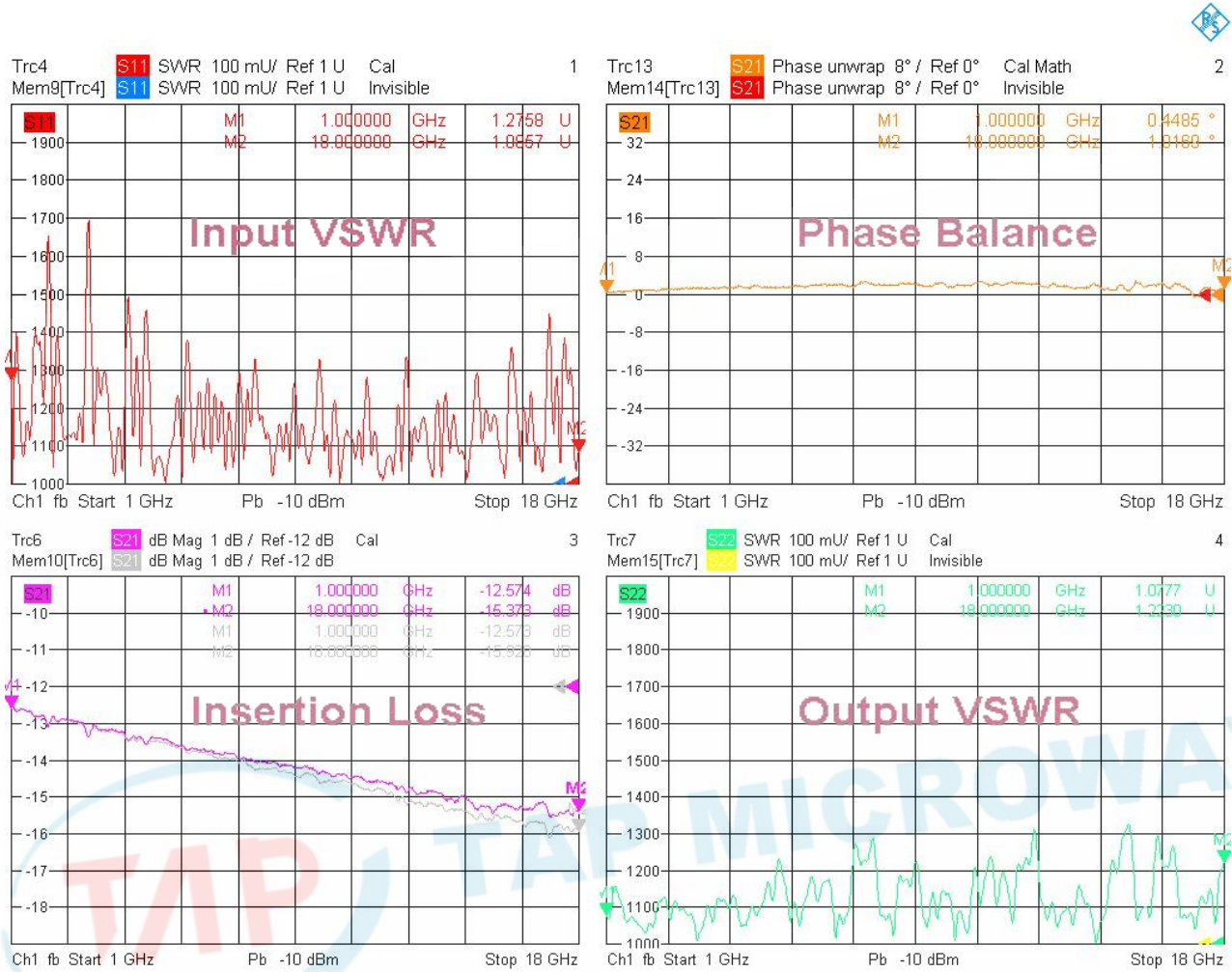
Technical Data Sheet			
Frequency Range	1~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤5.0dB (Above 12.04dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.80:1 Output ≤1.50:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥16dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.0dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±8°	Operating Temperature	-55~+85°C
Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	530g
Port Connectors	SMA-Female		

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



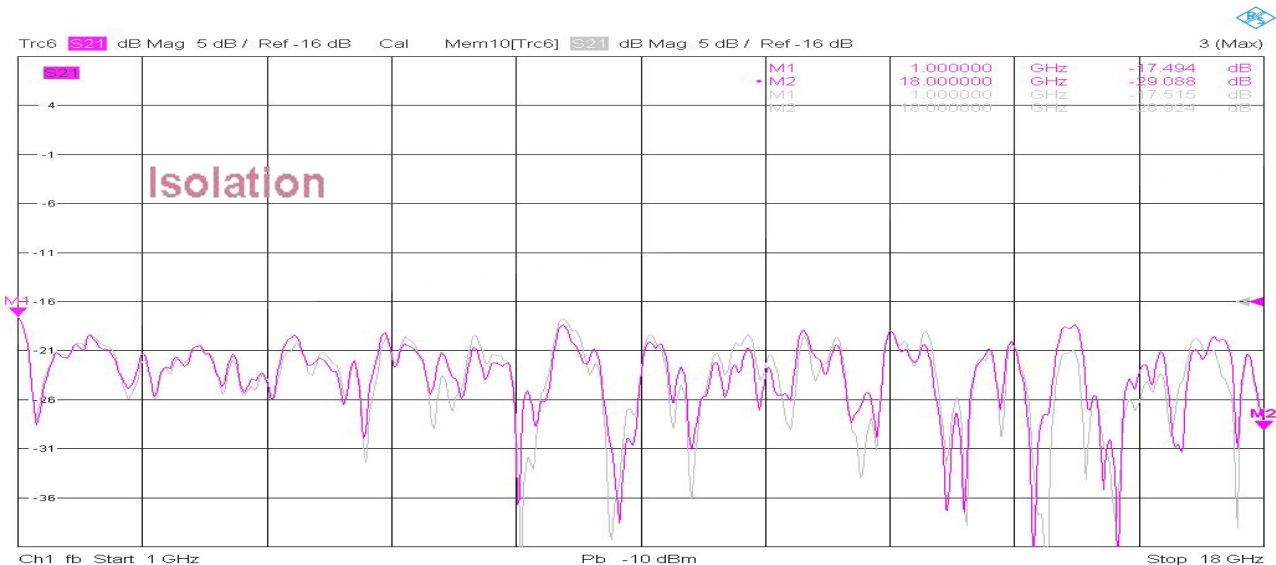
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



9/2/2024, 11:16 AM

2. Isolation



9/2/2024, 11:13 AM

