

Model TPD05180A16

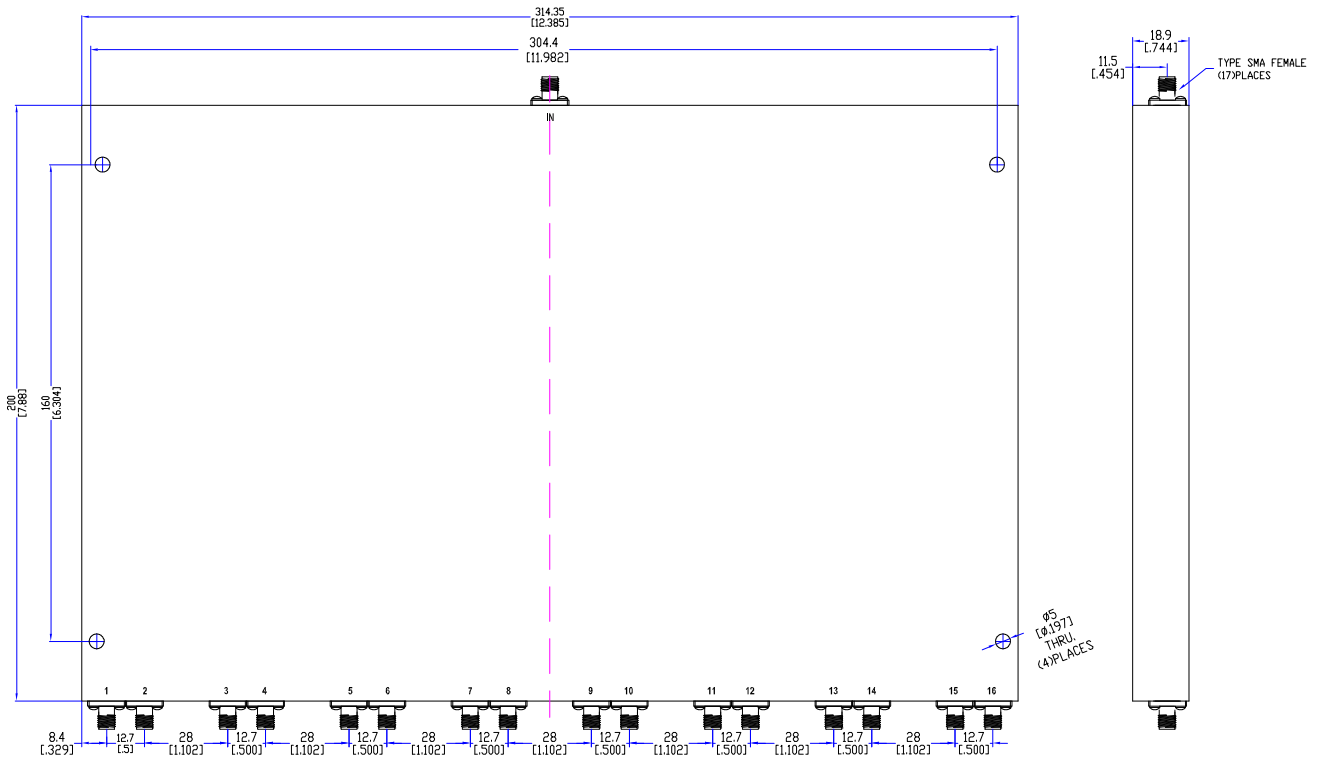
Features

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

Technical Data Sheet

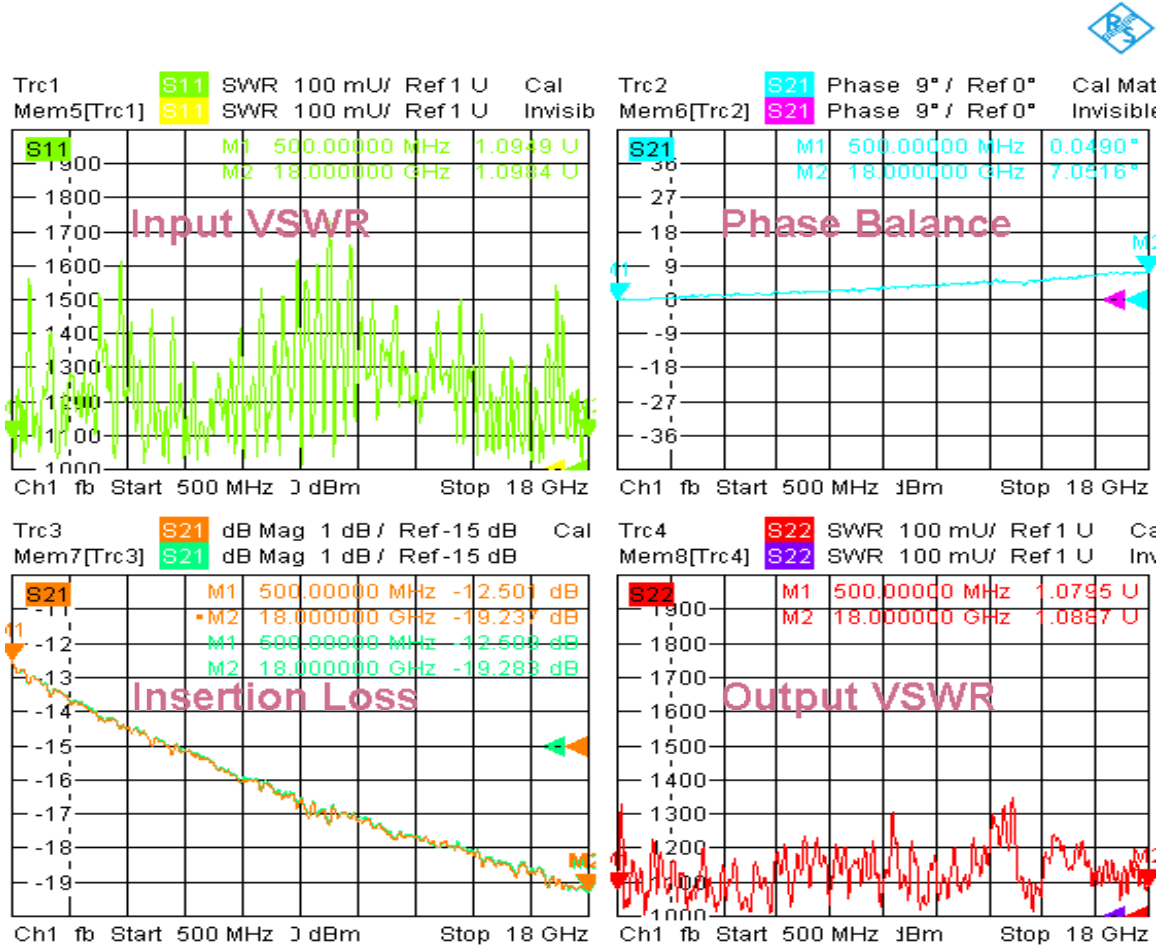
Frequency Range	0.5~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤12.0dB (Above 12.04dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤2.00:1 Output ≤1.80:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥16dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±9°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	3500g
Port Connectors	SMA-Female		

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



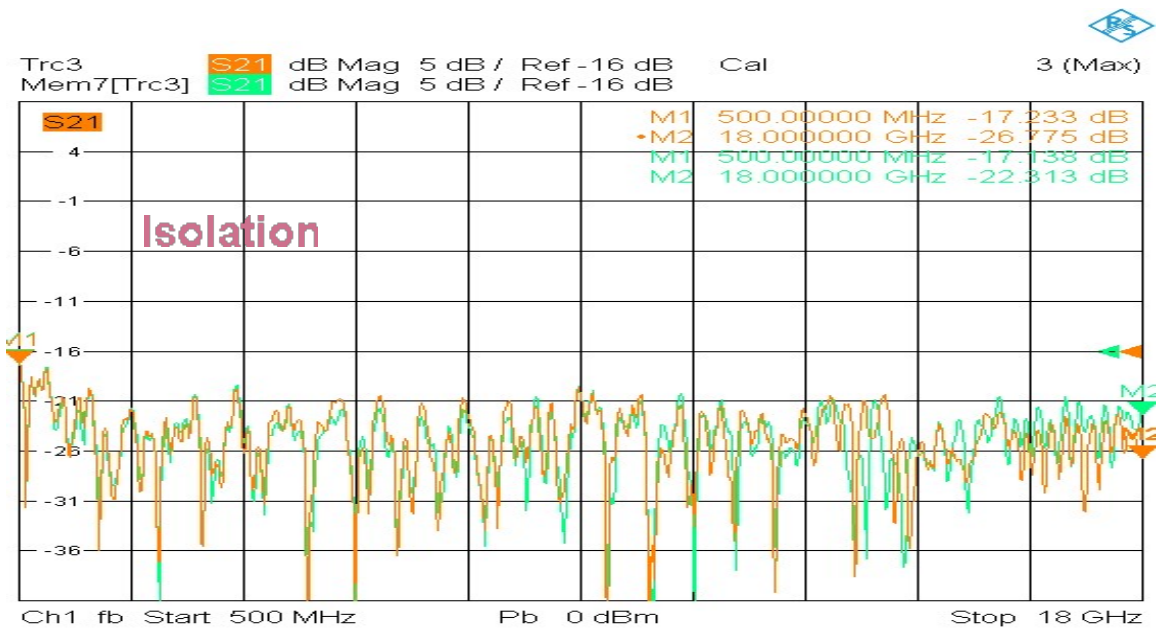
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



4/18/2019, 6:03 AM

2. Isolation



4/18/2019, 5:51 AM

