

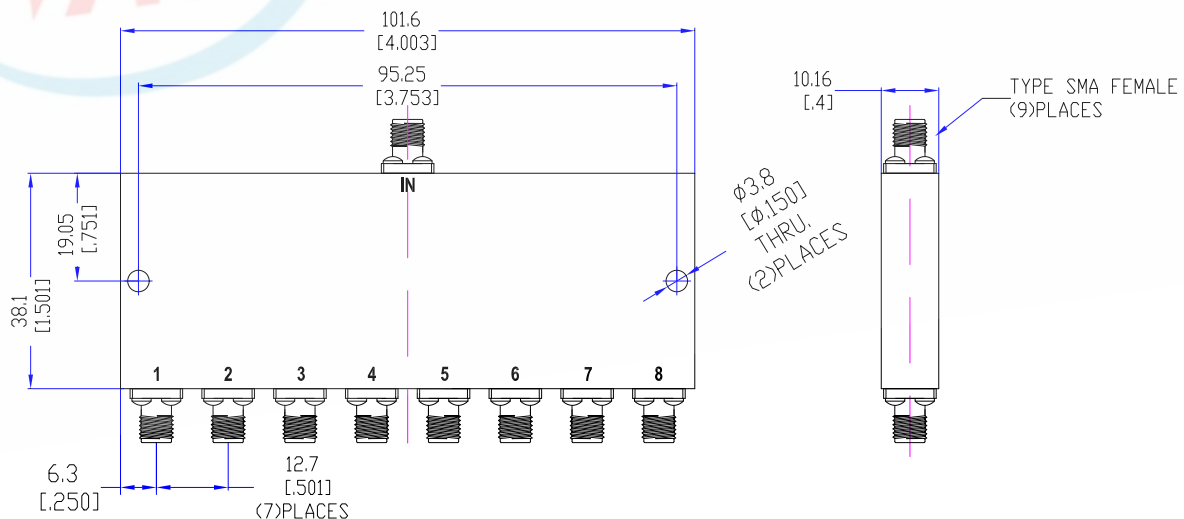
Model TPD00180A8

Features

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

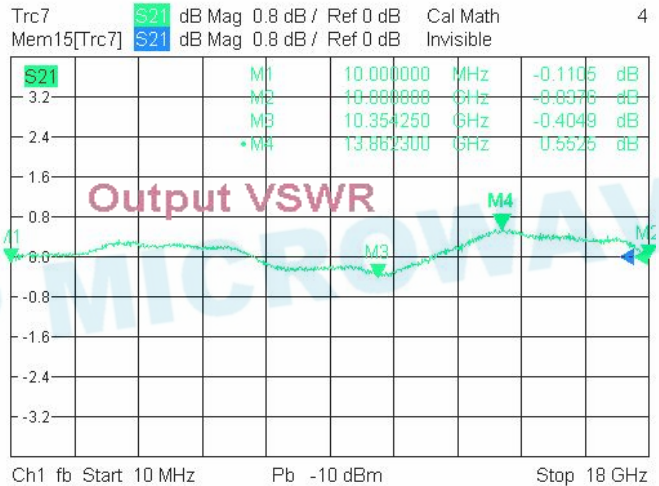
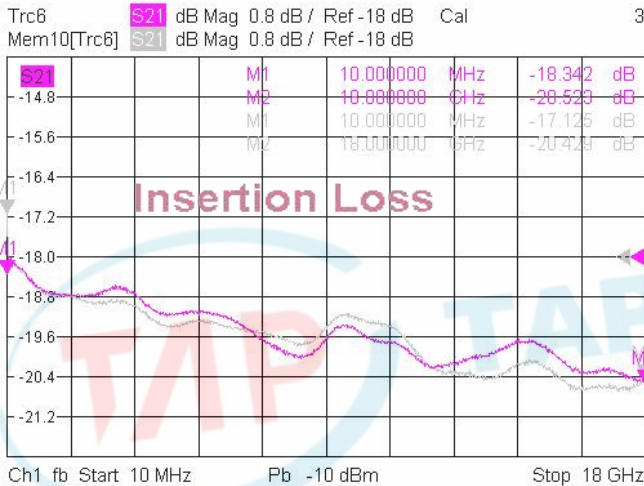
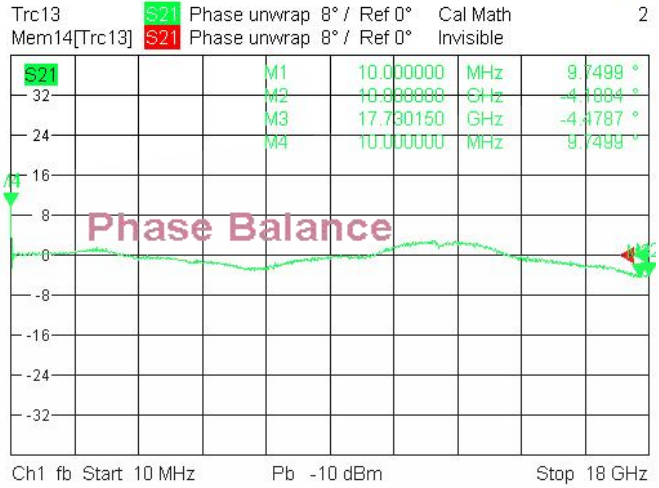
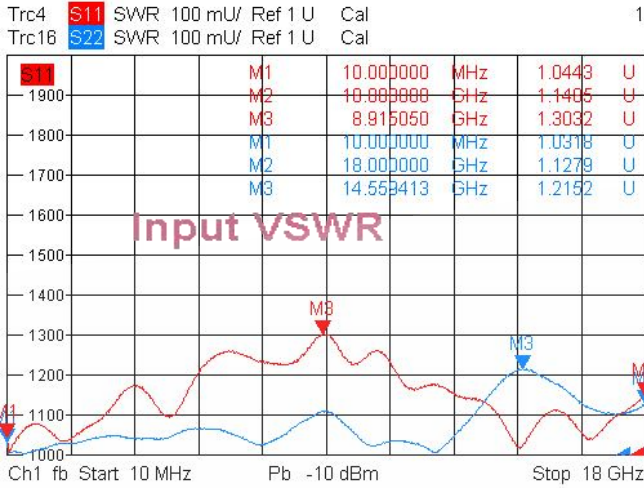
| Technical Data Sheet | | | |
|-----------------------------|------------------------------------|-----------------------|---|
| Frequency Range | DC~18GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤6.0dB (Above 18.06dB Split) | Connector Body | Passivated Stainless Steel |
| VSWR | Input ≤1.90:1 Output ≤1.60:1 | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Isolation | ----- | Connector Pin | Beryllium Copper, Gold Plate |
| Amplitude Balance | ≤±0.8dB | Solder | Lead Free, RoHS Compliant |
| Phase Balance | ≤±8° | Operating Temperature | -55~+85°C |
| ¹ Power Handling | Forward ≤2Watt; Reversed ≤2Watt | Operating Humidity | Up to 95%,Non- Condensing |
| Impedance | 50Ω | Weight | 120g |
| Port Connectors | SMA-Female | | |

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



Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



6/5/2026, 9:32 AM

