

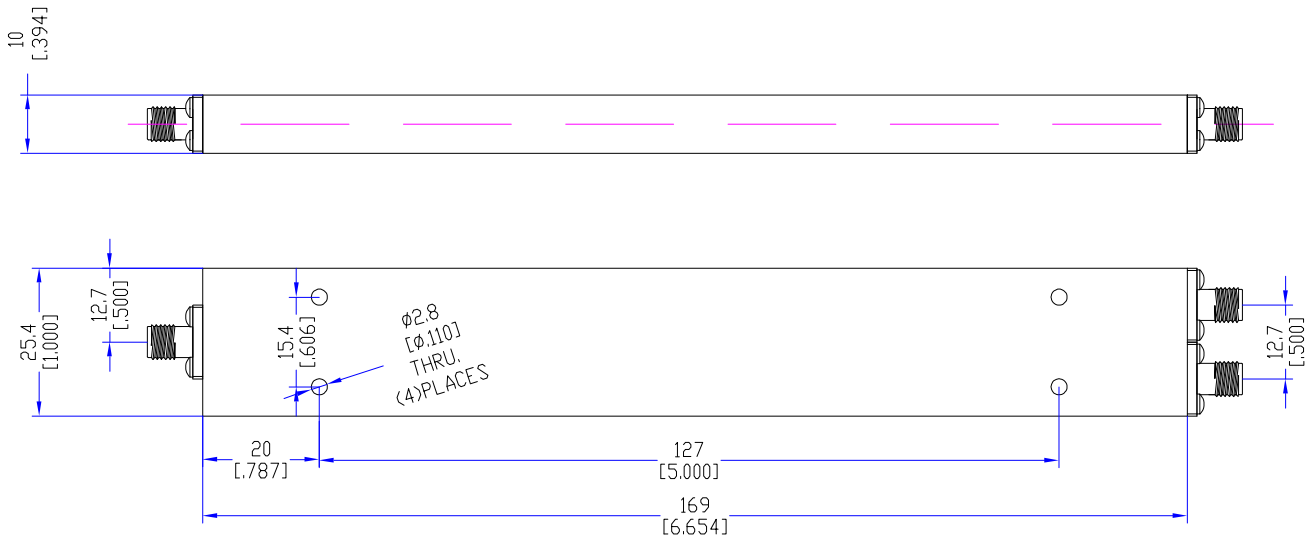
Model TPD05180A2C

Features

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

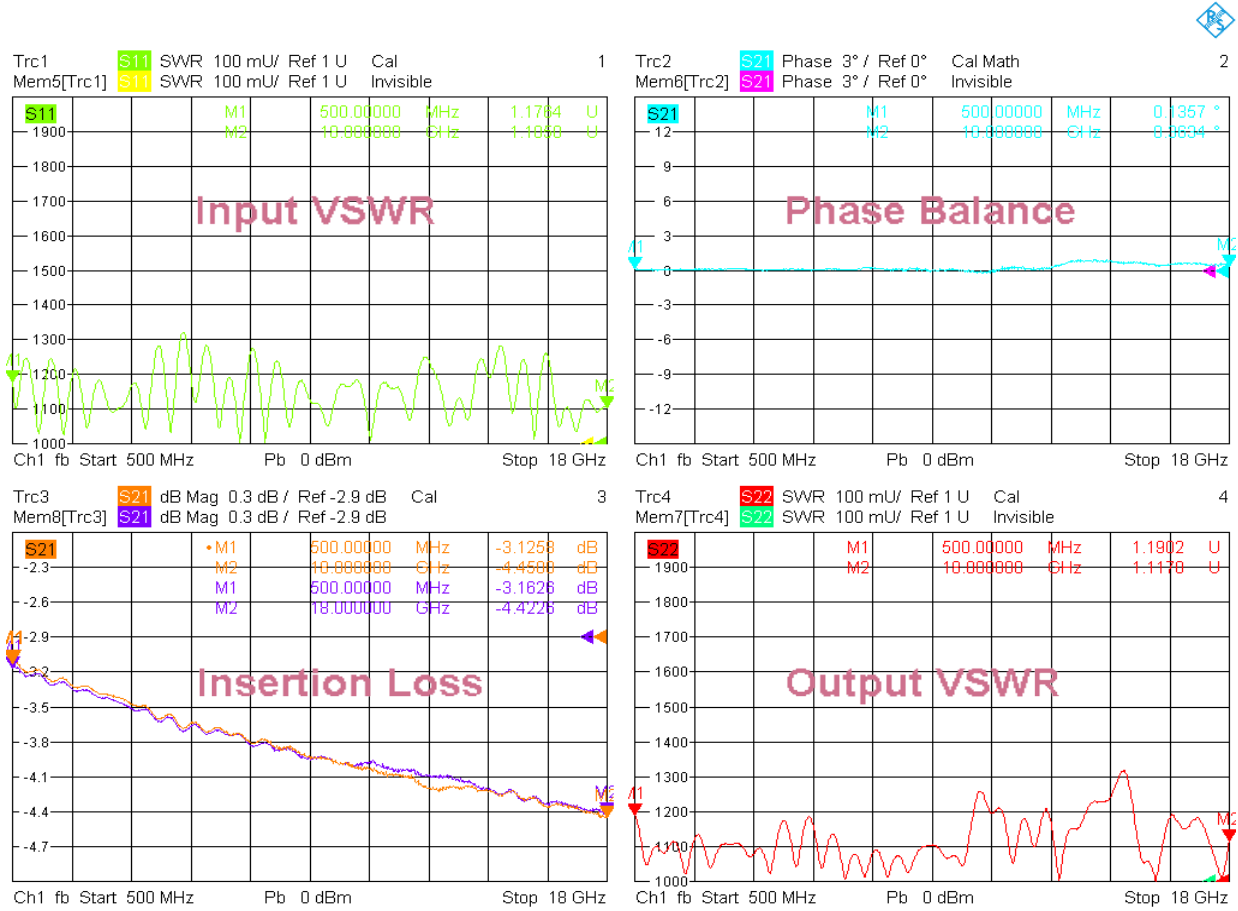
| Technical Data Sheet | | | |
|-----------------------------|-------------------------------------|-----------------------|---|
| Frequency Range | 0.5~18GHz | Finish | Painted Blue_ RAL #5007 |
| Insertion Loss | ≤1.7dB (Above 3.01dB Split) | Connector Body | Passivated Stainless Steel |
| VSWR | Input ≤1.40:1 Output ≤1.40:1 | Housing | Aluminum, 6061 T6 Clear Chem Conversion Film |
| Isolation | ≥19dB | Connector Pin | Beryllium Copper, Gold Plate |
| Amplitude Balance | ≤±0.3dB | Solder | Lead Free, RoHS Compliant |
| Phase Balance | ≤±3° | Operating Temperature | -55~+85°C |
| ¹ Power Handling | Forward ≤30Watt; Reversed ≤1Watt | Operating Humidity | Up to 95%,Non- Condensing |
| Impedance | 50Ω | Weight | 100g |
| Port Connectors | SMA-Female | | |

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



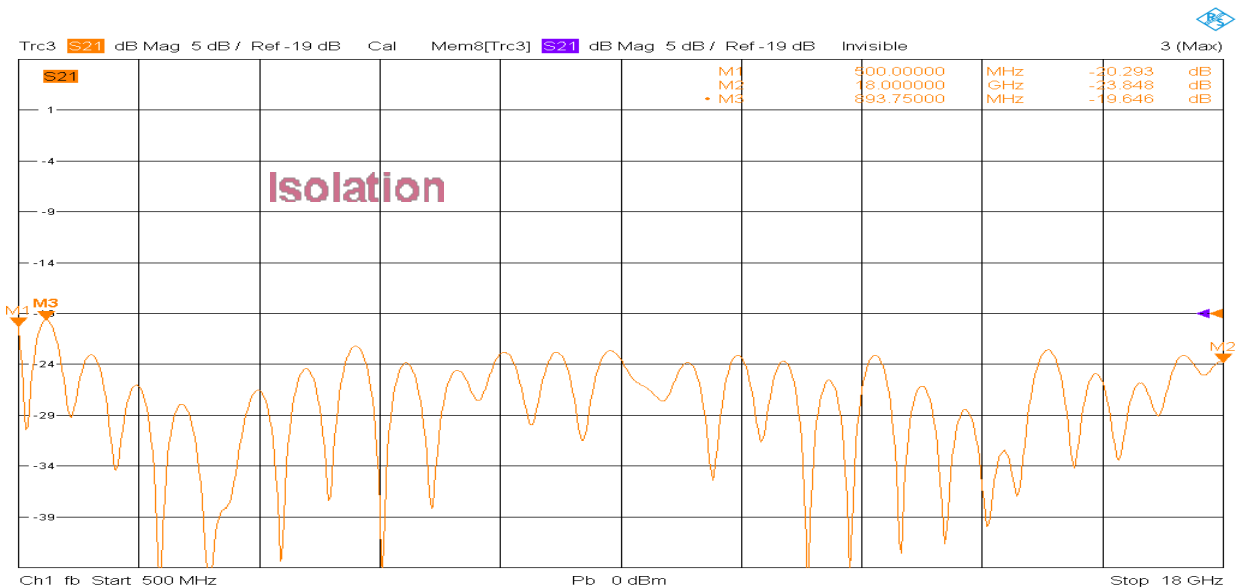
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



9/26/2021, 9:27 AM

2. Isolation



9/26/2021, 9:27 AM

