

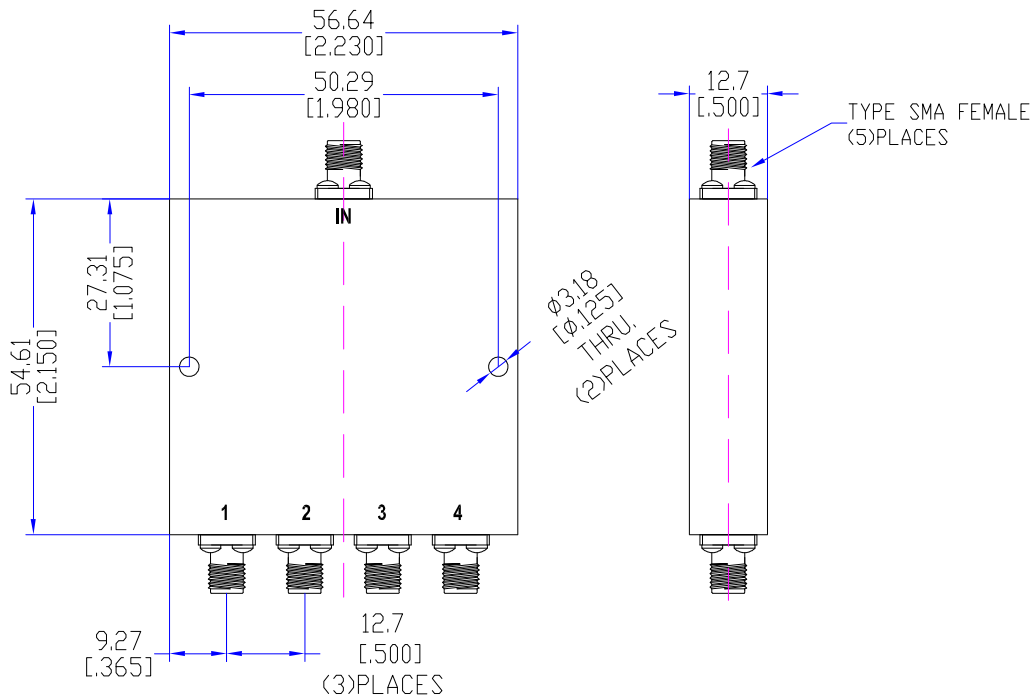
## Model TPD20180A4P

### Features

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

| Technical Data Sheet        |                                     |                       |   |
|-----------------------------|-------------------------------------|-----------------------|---|
| Frequency Range             | 2~18GHz                             | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤1.8dB<br>(Above 6.02dB Split)      | Connector Body        | Passivated Stainless Steel                      |
| VSWR                        | Input ≤1.50:1<br>Output ≤1.50:1     | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Isolation                   | ≥18dB                               | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Amplitude Balance           | ≤±0.5dB                             | Solder                | Lead Free, RoHS Compliant                       |
| Phase Balance               | ≤±6°                                | Operating Temperature | -55~+85°C                                       |
| <sup>1</sup> Power Handling | Forward ≤30Watt;<br>Reversed ≤1Watt | Operating Humidity    | Up to 95%, Non- Condensing                      |
| Impedance                   | 50Ω                                 | Weight                | 110g  |
| Port Connectors             | SMA-Female                          |                       |   |

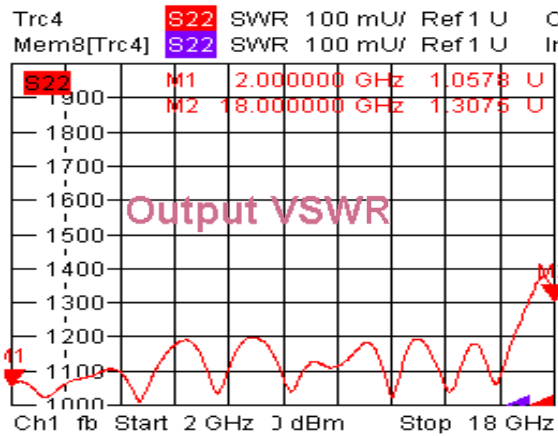
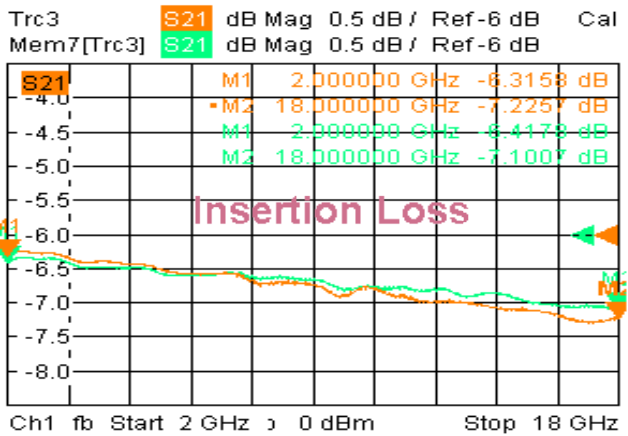
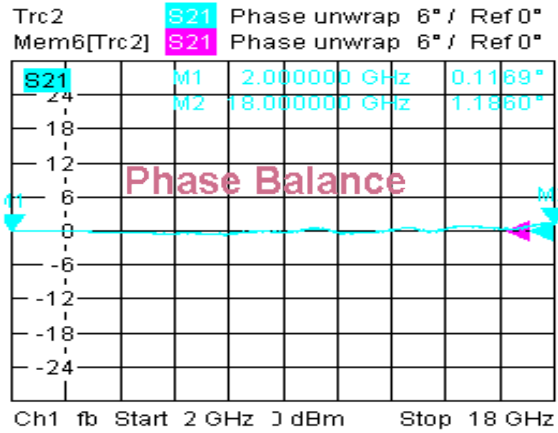
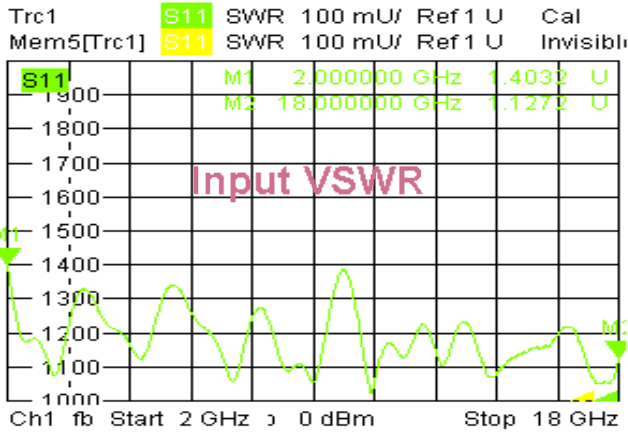
<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.50:1.



### Typical Performance

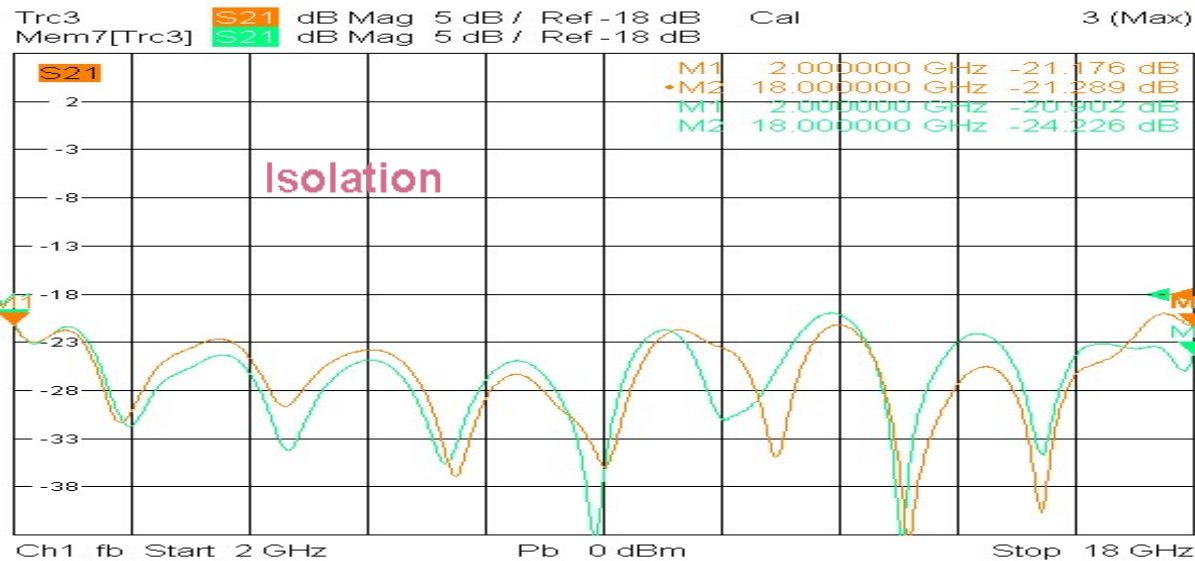


## 1. Insertion Loss, Amplitude & Phase Balance, VSWR



7/17/2020, 10:33 AM

## 2. Insertion Loss



7/17/2020, 10:38 AM

