

**Model TPD60265A4A**

## Features

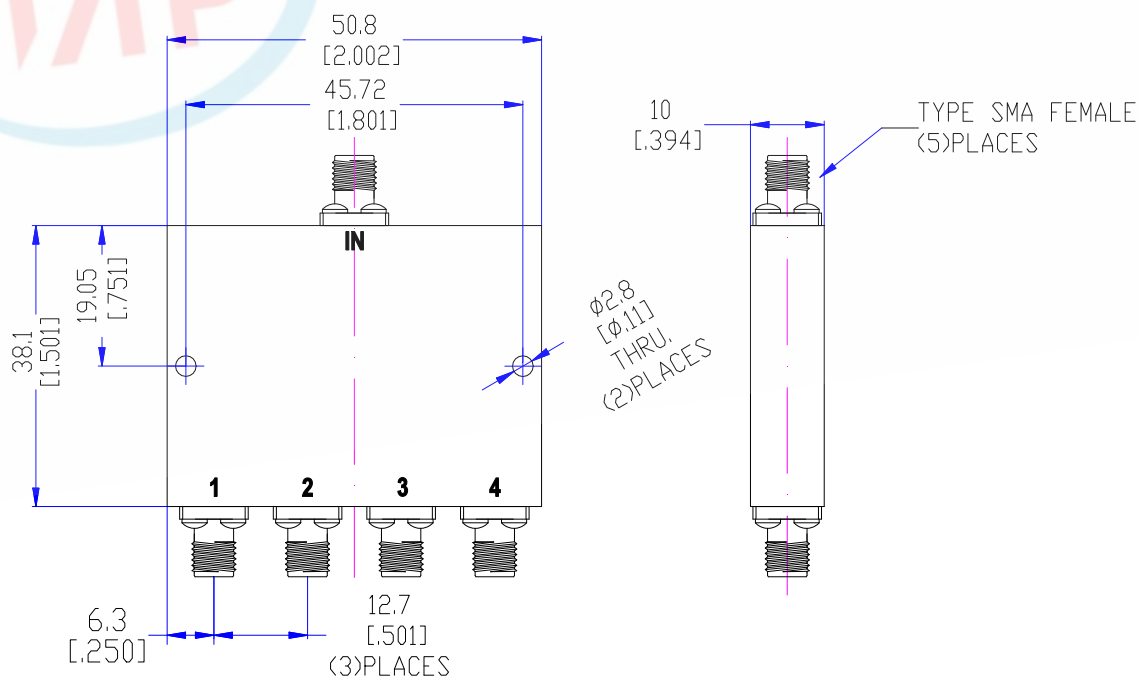
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

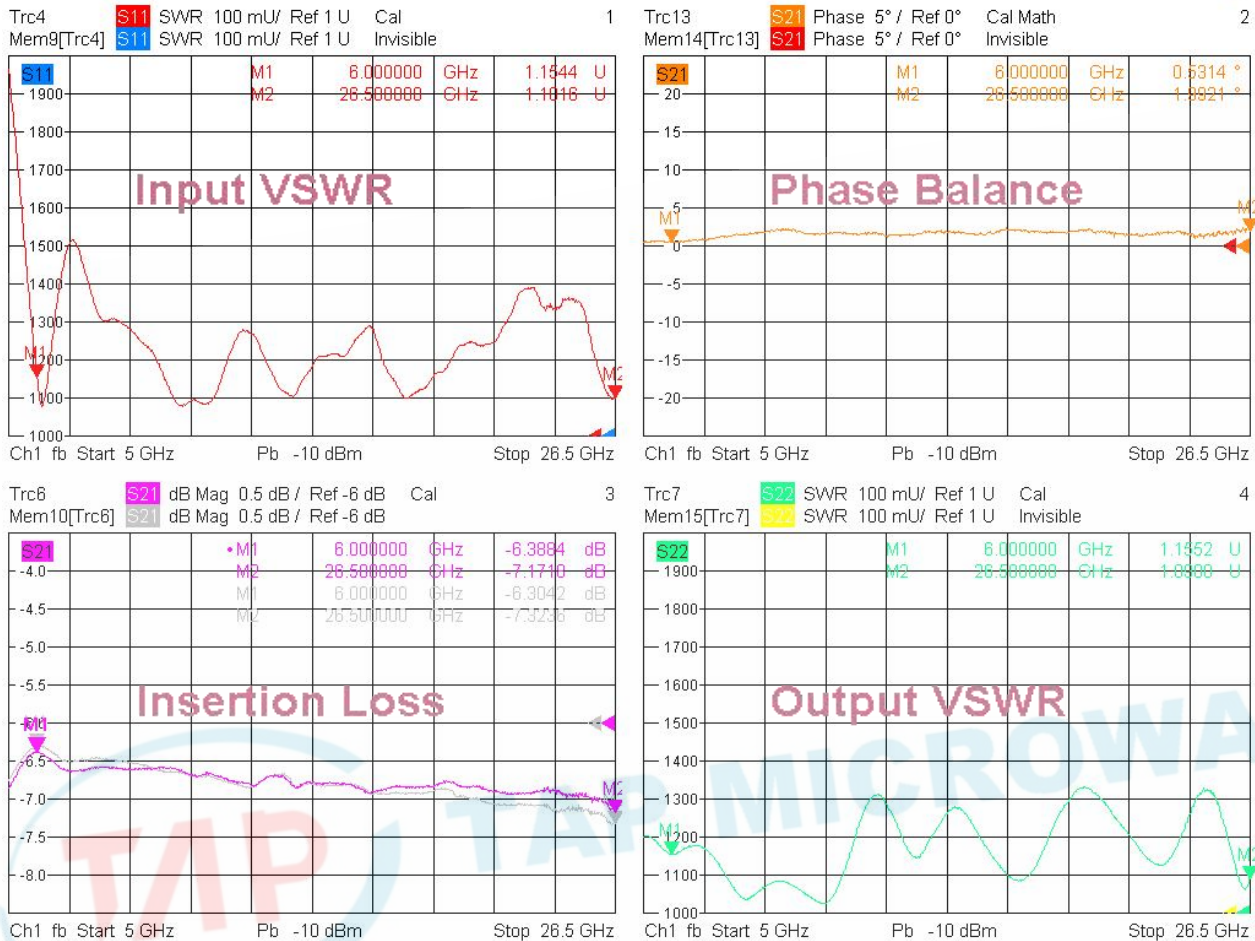
| Technical Data Sheet        |                                     |                       |                                                 |
|-----------------------------|-------------------------------------|-----------------------|-------------------------------------------------|
| Frequency Range             | 6~26.5GHz                           | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤1.5dB<br>(Above 6.02dB Split)      | Connector Body        | Passivated Stainless Steel                      |
| VSWR                        | Input ≤1.60:1<br>Output ≤1.60:1     | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Isolation                   | ≥16dB                               | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Amplitude Balance           | ≤±0.5dB                             | Solder                | Lead Free, RoHS Compliant                       |
| Phase Balance               | ≤±5°                                | Operating Temperature | -55~+85°C                                       |
| <sup>1</sup> Power Handling | Forward ≤10Watt;<br>Reversed ≤1Watt | Operating Humidity    | Up to 95%,Non- Condensing                       |
| Impedance                   | 50Ω                                 | Weight                | 50g                                             |
| Port Connectors             | SMA-Female                          |                       |                                                 |

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



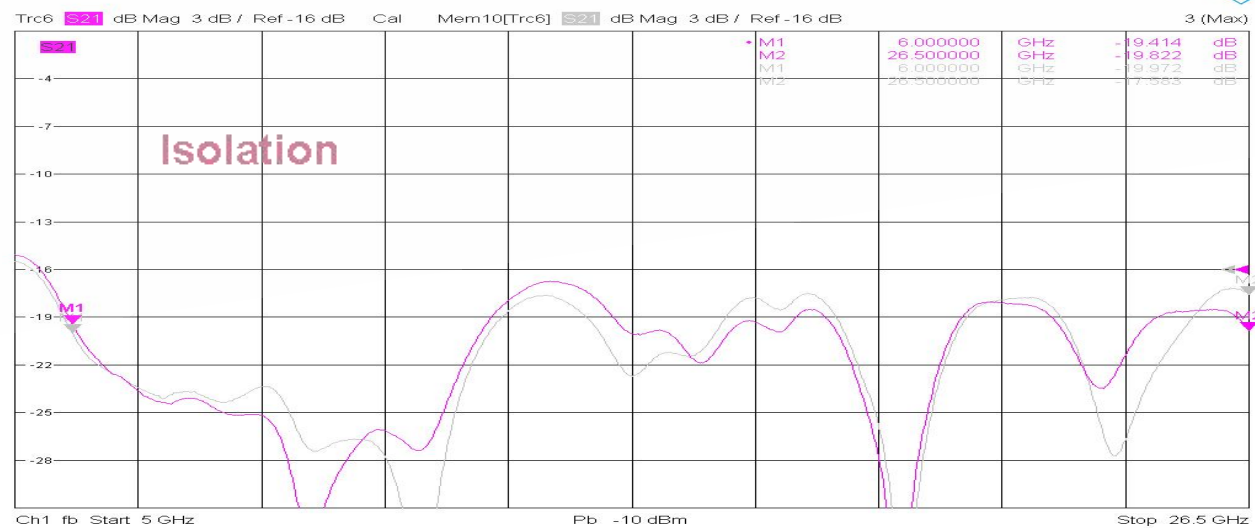
## Typical Performance

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



4/26/2023, 1:51 PM

### 2. Insertion Loss



4/26/2023, 1:52 PM

