

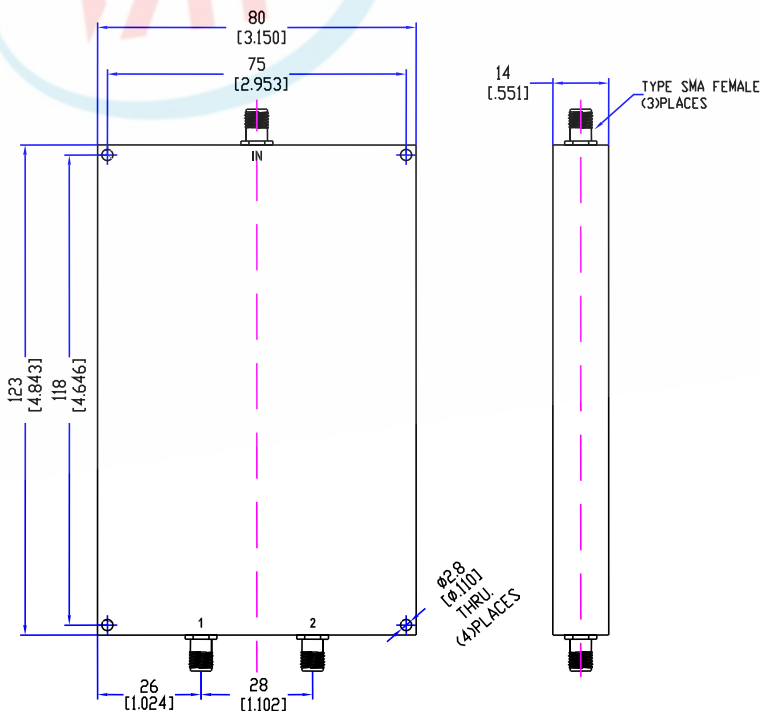
## Model TPD0205A2C

### Features

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

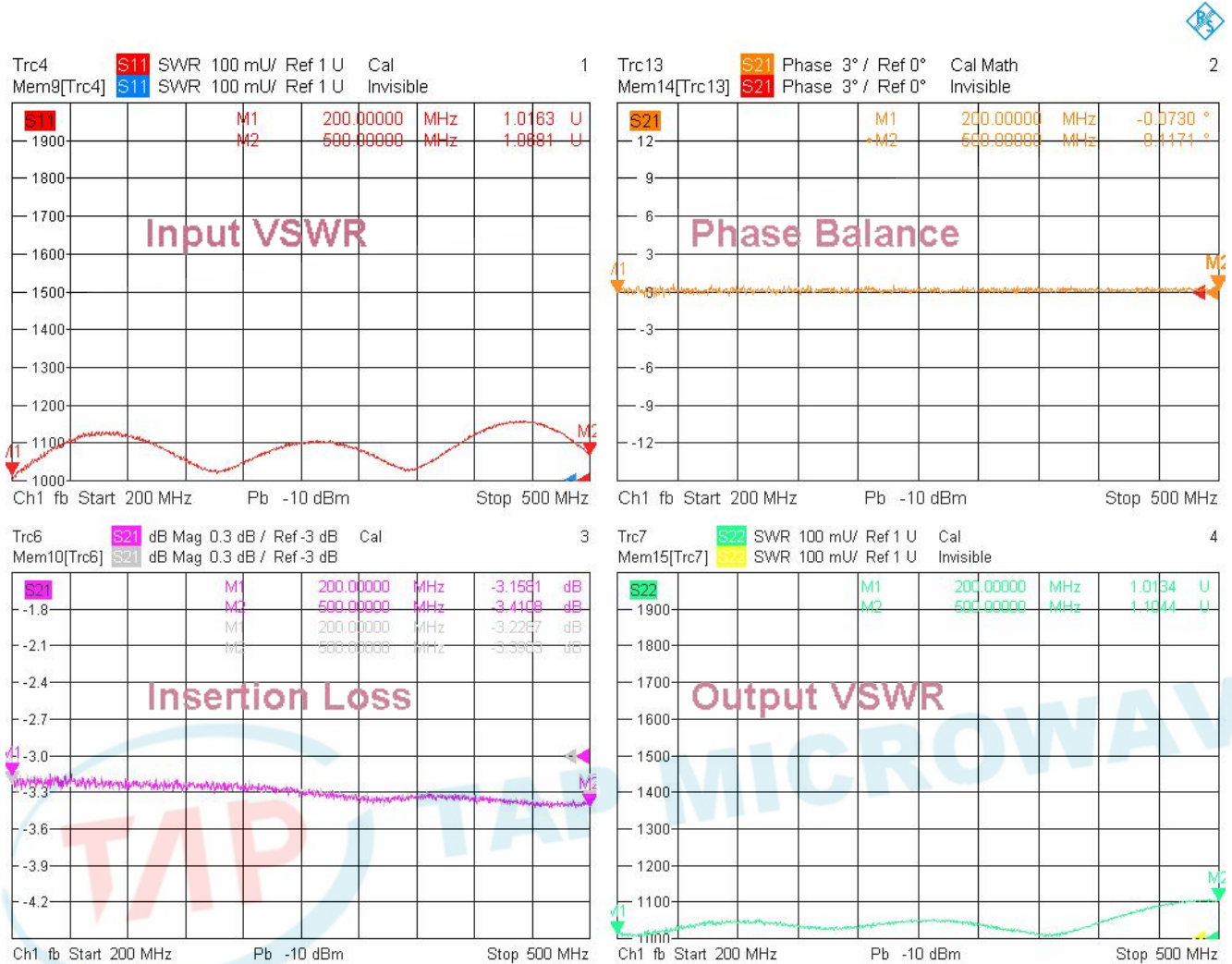
| Technical Data Sheet        |                                |                       |   |
|-----------------------------|--------------------------------|-----------------------|---|
| Frequency Range             | 200~500MHz                     | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤0.6dB<br>(Above 3.01dB Split) | Connector Body        | Brass, Nickel Plate                             |
| VSWR                        | ≤1.30:1                        | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Isolation                   | ≥20dB                          | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Amplitude Balance           | ≤±0.3dB                        | Solder                | Lead Free, RoHS Compliant                       |
| Phase Balance               | ≤±3°                           | Operating Temperature | -25~+65°C                                       |
| <sup>1</sup> Power Handling | ≤15Watt Total;                 | Operating Humidity    | Up to 95%, Non- Condensing                      |
| Impedance                   | 50Ω                            | Weight                | 240g  |
| Port Connectors             | SMA-Female                     |                       |   |

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.20:1.



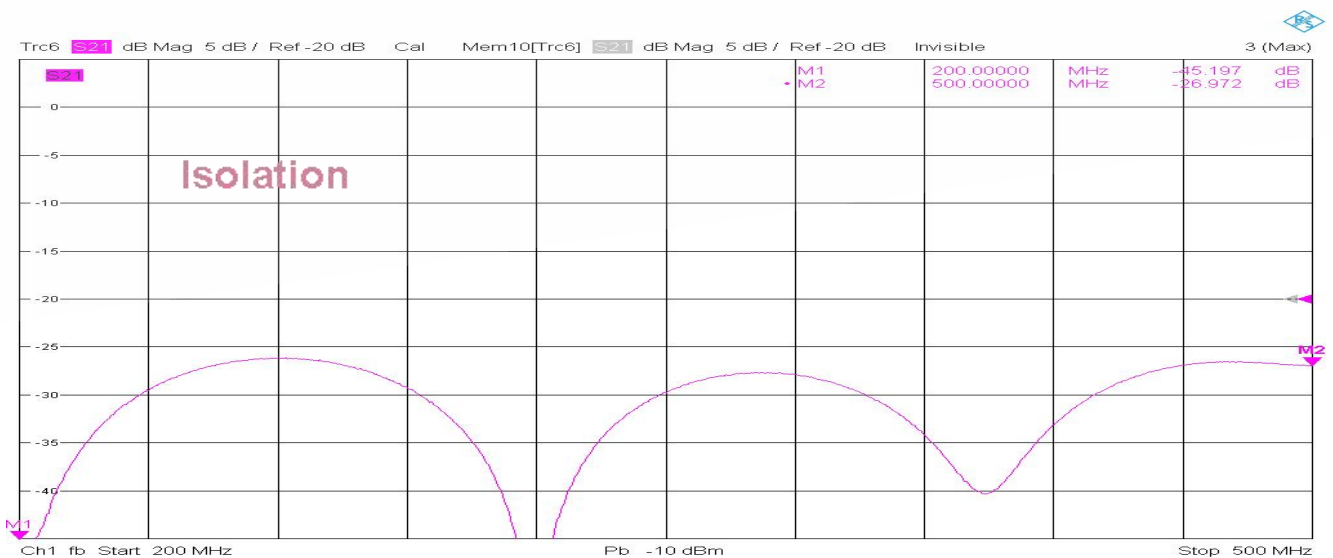
## Typical Performance

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



10/25/2023, 9:10 AM

### 2. Insertion Loss



10/25/2023, 9:09 AM

