

## Model TPD0560N3B

### Features

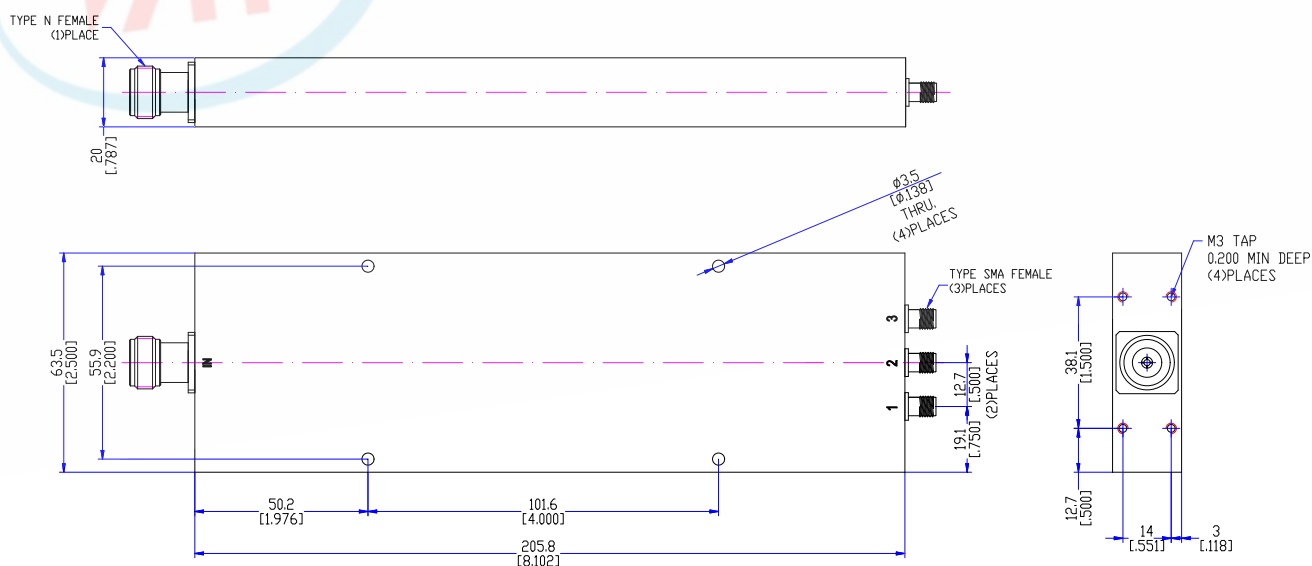
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

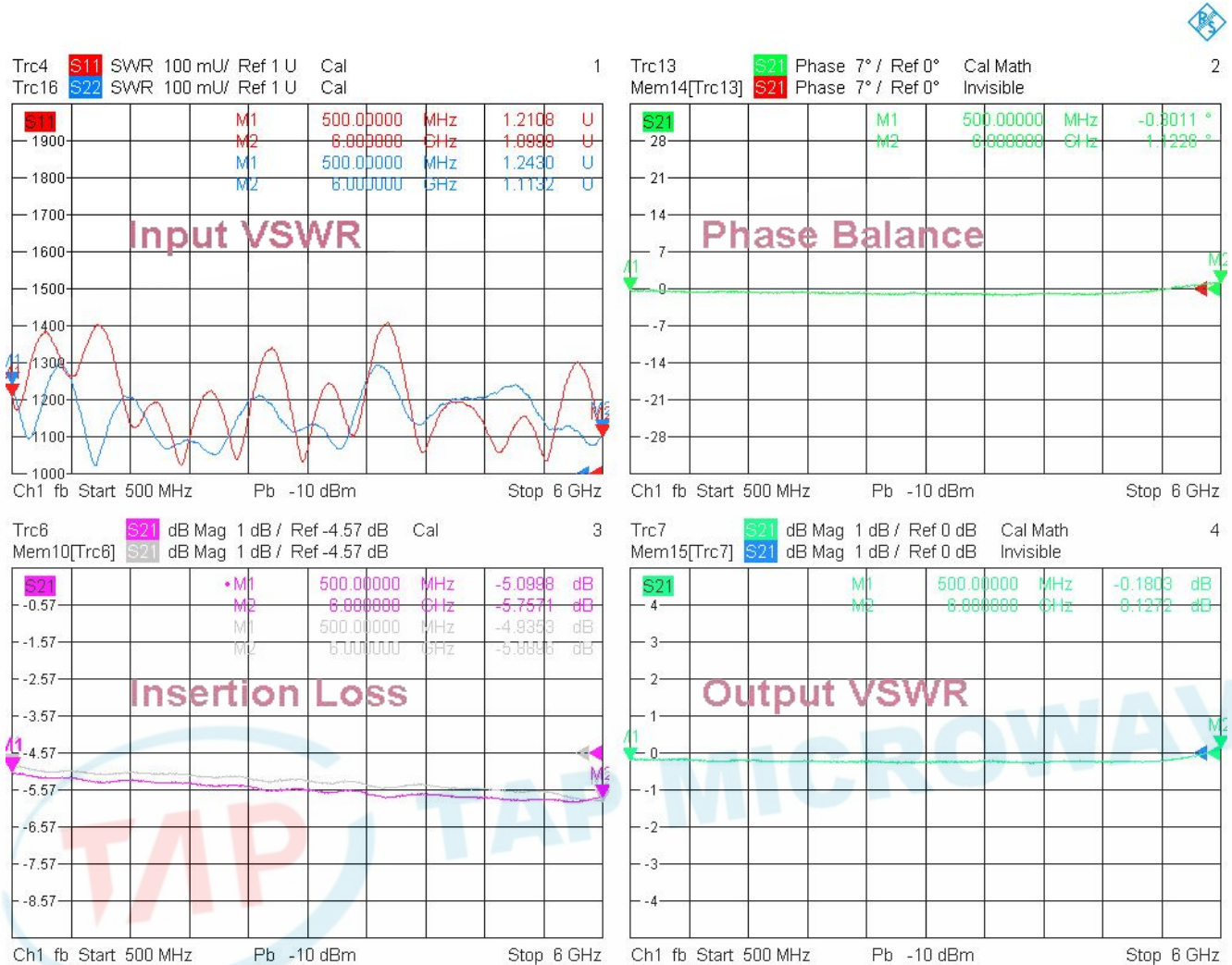
| Technical Data Sheet        |                                       |                       |                                                 |
|-----------------------------|---------------------------------------|-----------------------|-------------------------------------------------|
| Frequency Range             | 0.5~6.0GHz                            | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤1.8dB<br>(Above 4.77dB Split)        | Connector Body        | Brass, Tri-Alloy Plate                          |
| 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           | ≤±1dB                                 | Solder                | Lead Free, RoHS Compliant                       |
| Phase Balance               | ≤±7°                                  | Operating Temperature | -25~+85℃                                        |
| <sup>1</sup> Power Handling | Forward ≤35Watt;<br>Reversed ≤2Watt   | Operating Humidity    | Up to 95%,Non- Condensing                       |
| Impedance                   | 50Ω                                   | Weight                | 460g                                            |
| Port Connectors             | Input: N-Female<br>Output: SMA-Female |                       |                                                 |

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



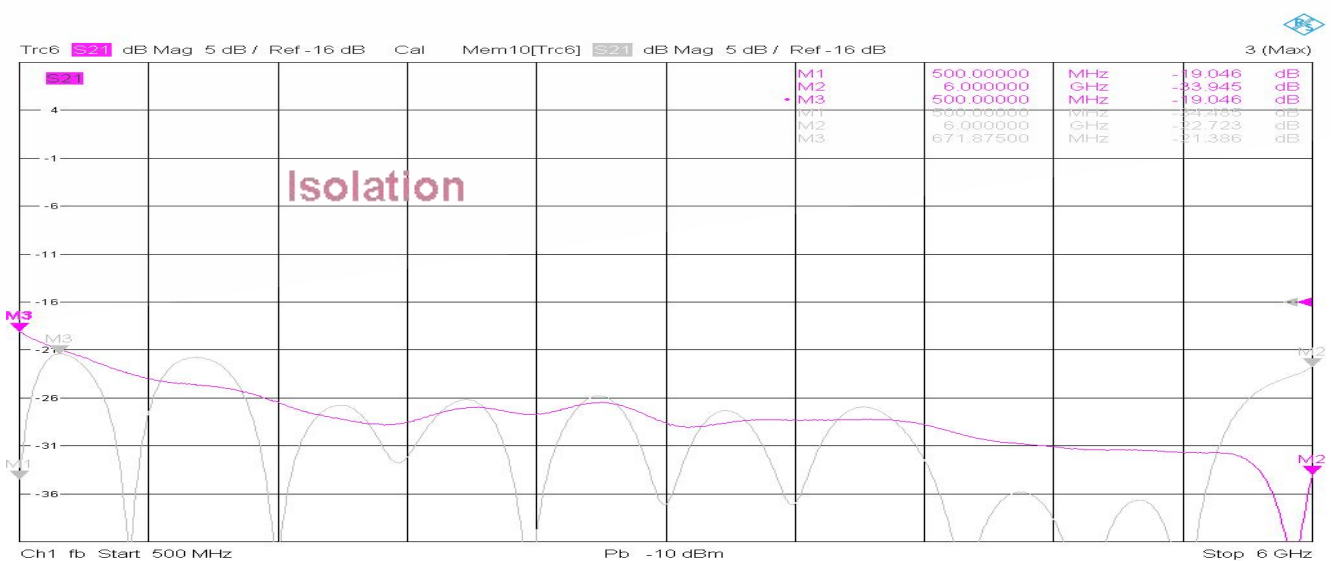
## Typical Performance

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



8/5/2026, 10:54 AM

### 2. Isolation



8/5/2026, 11:05 AM

