

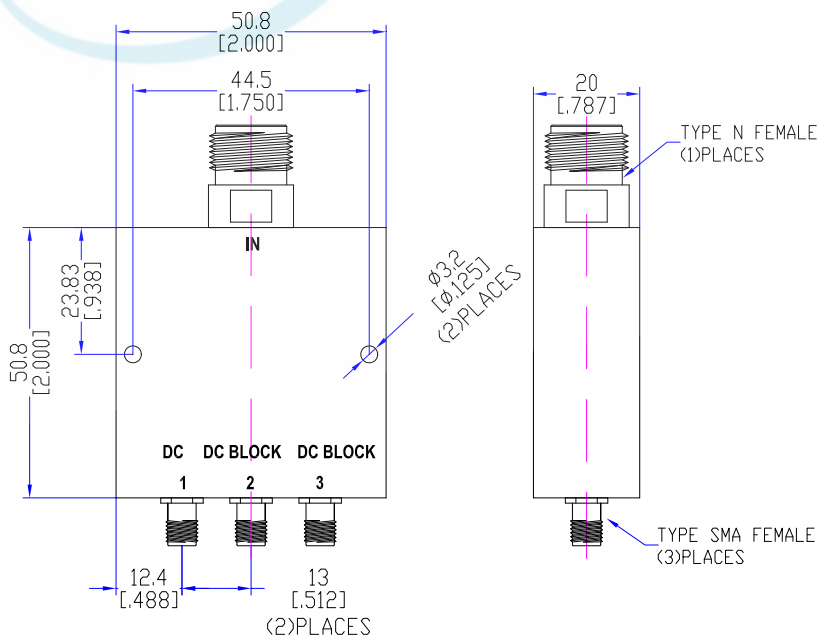
## Model TPD1516N3AD

### Features

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

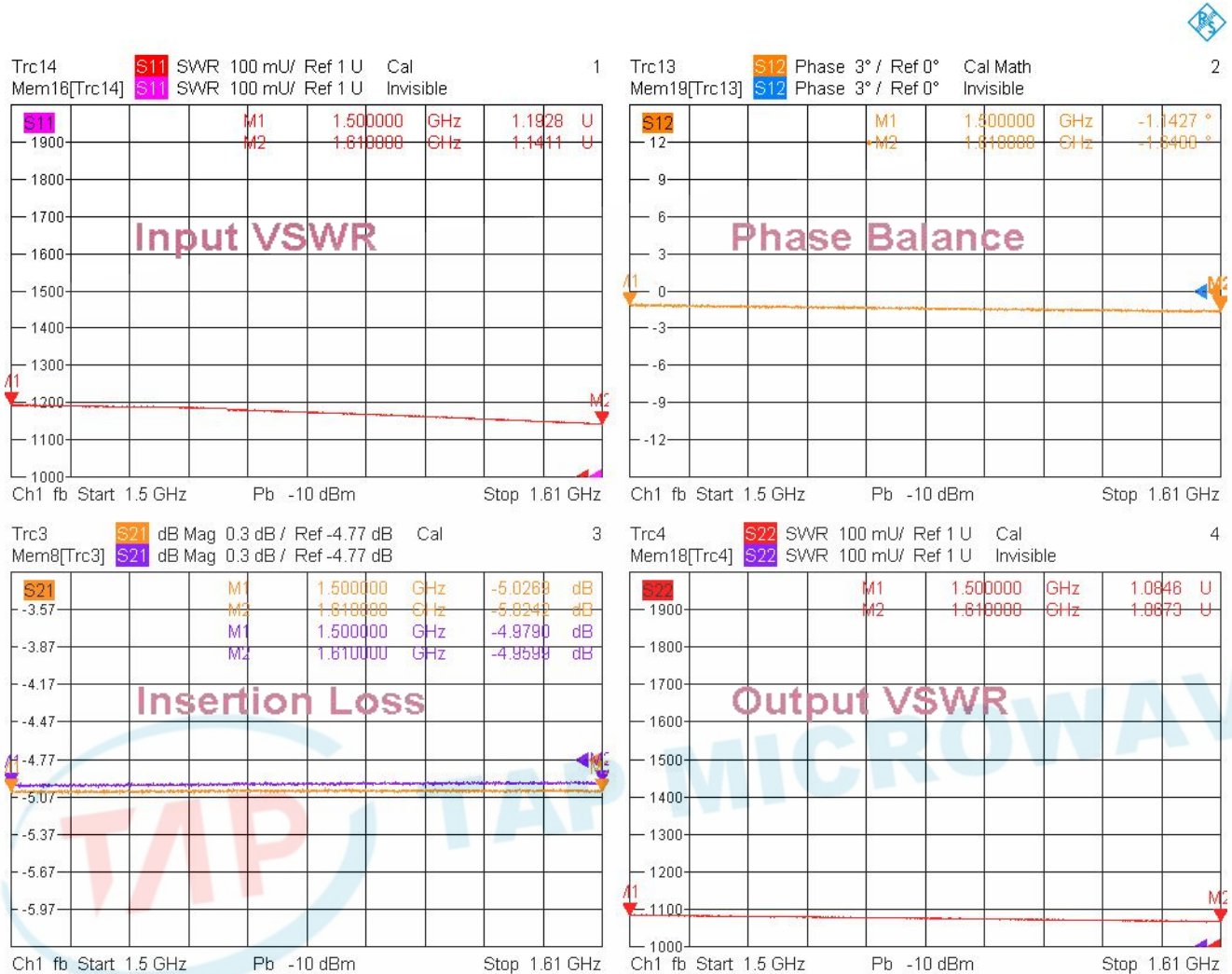
Technical Data Sheet			
Frequency Range	1.5~1.61GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.7dB (Above 4.77dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.30:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.3dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±3°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤10Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	DC Pass	Port 1
Port Connectors	Input: N-Female Output: SMA-Female	DC Block	Port 2, Port 3

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



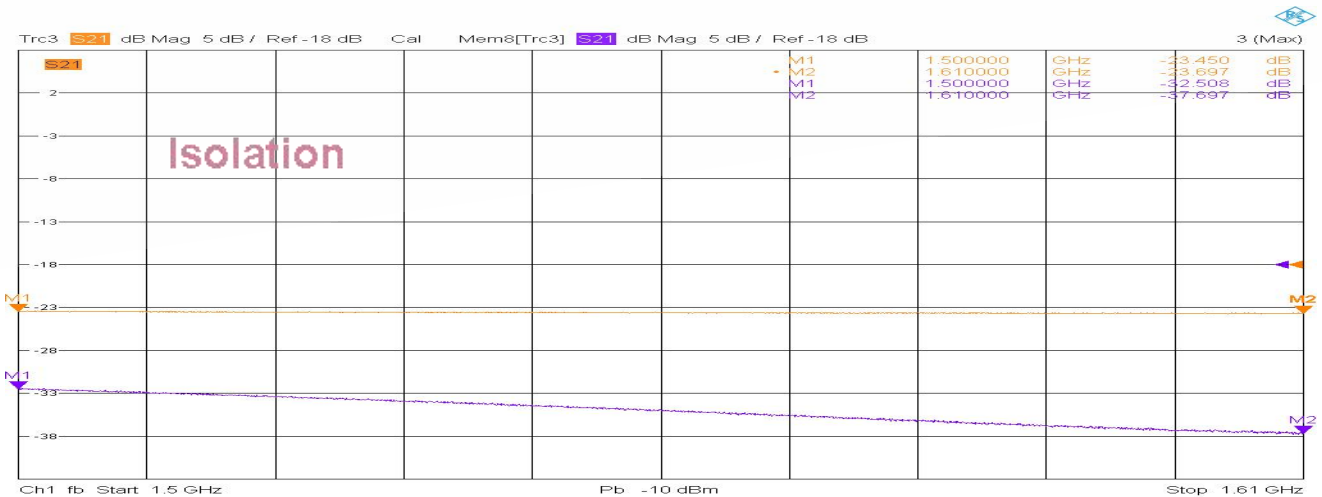
## Typical Performance

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



10/25/2024, 11:46 AM

### 2. Isolation



10/25/2024, 11:52 AM

