

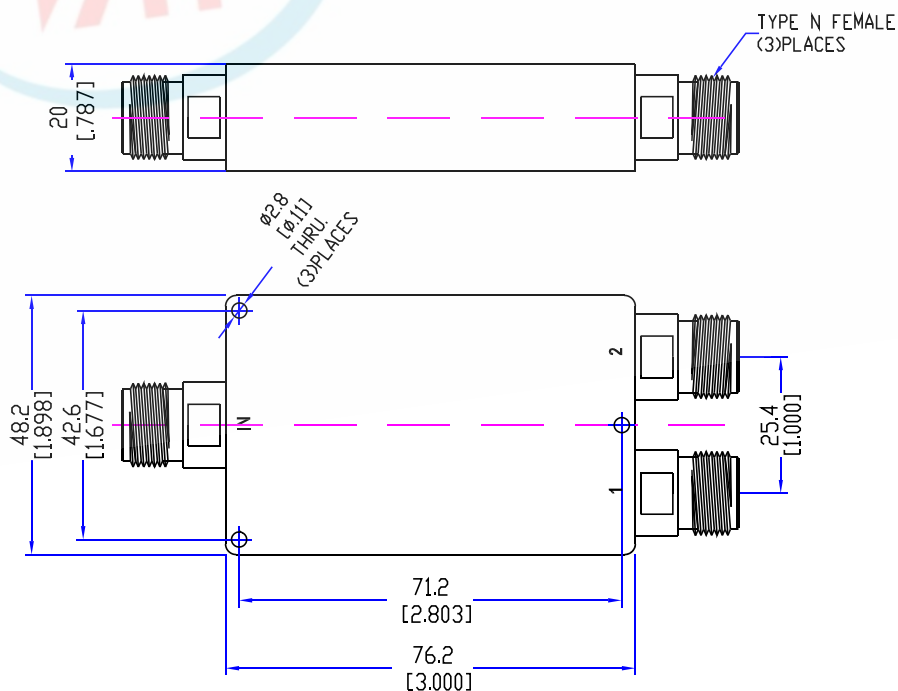
## Model TPD0530N2H

### Features

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

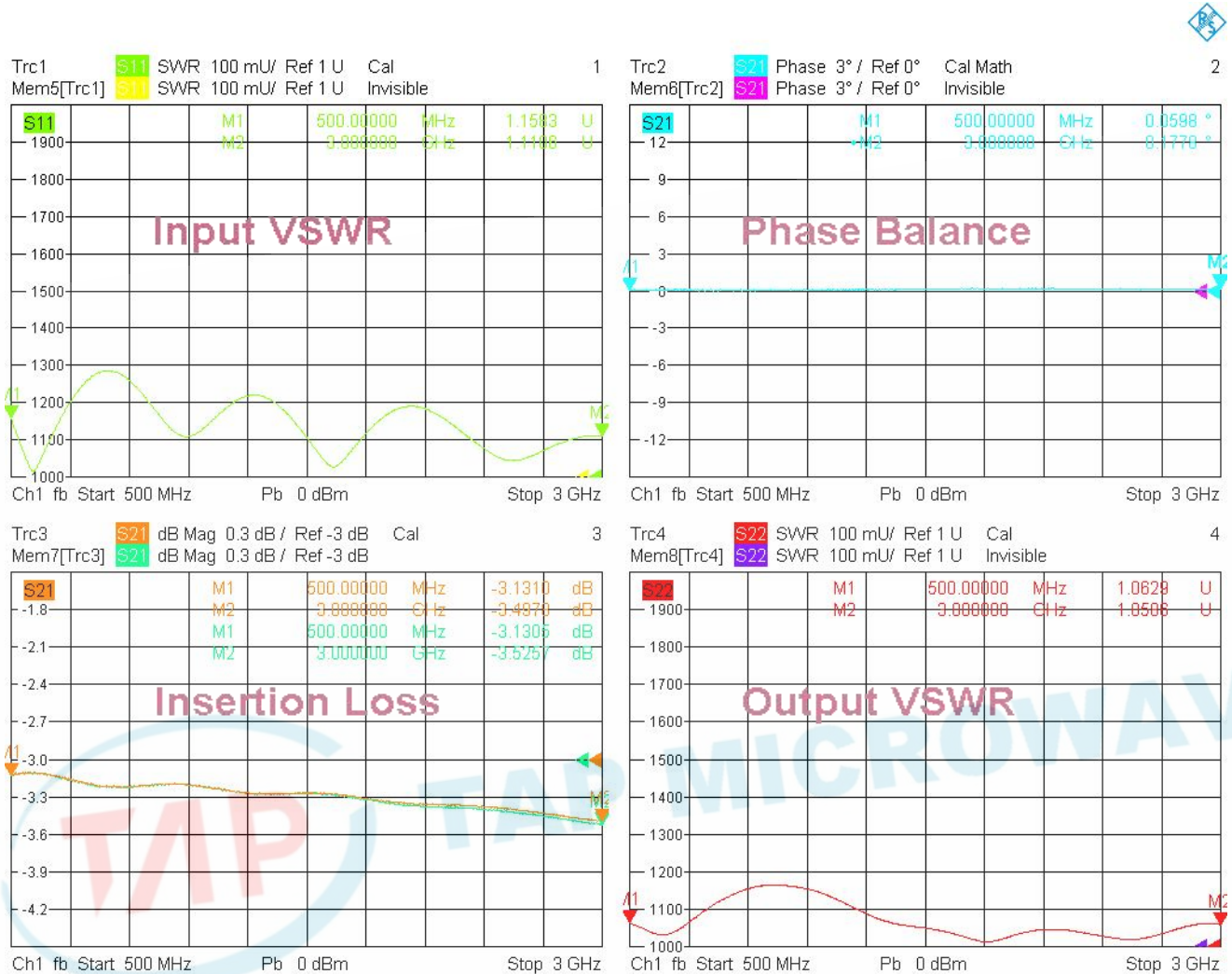
Technical Data Sheet			
Frequency Range	0.5~3.0GHz	Finish	Natural oxygen
Insertion Loss	≤0.8dB (Above 3.01dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.40:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.3dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±3°	Operating Temperature	-40~+65°C
<sup>1</sup> Power Handling	Forward ≤100Watt; Rev. ≤5Watt Per Port	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	200g
Port Connectors	N-Female		

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



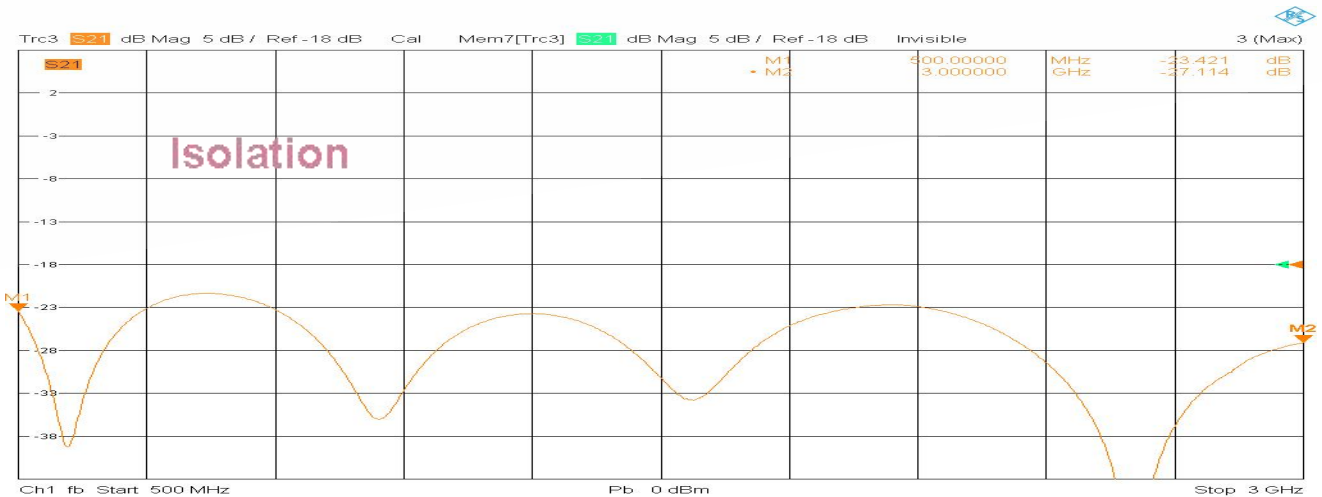
## Typical Performance

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



8/12/2022, 11:09 AM

### 2. Isolation



8/12/2022, 11:16 AM

