

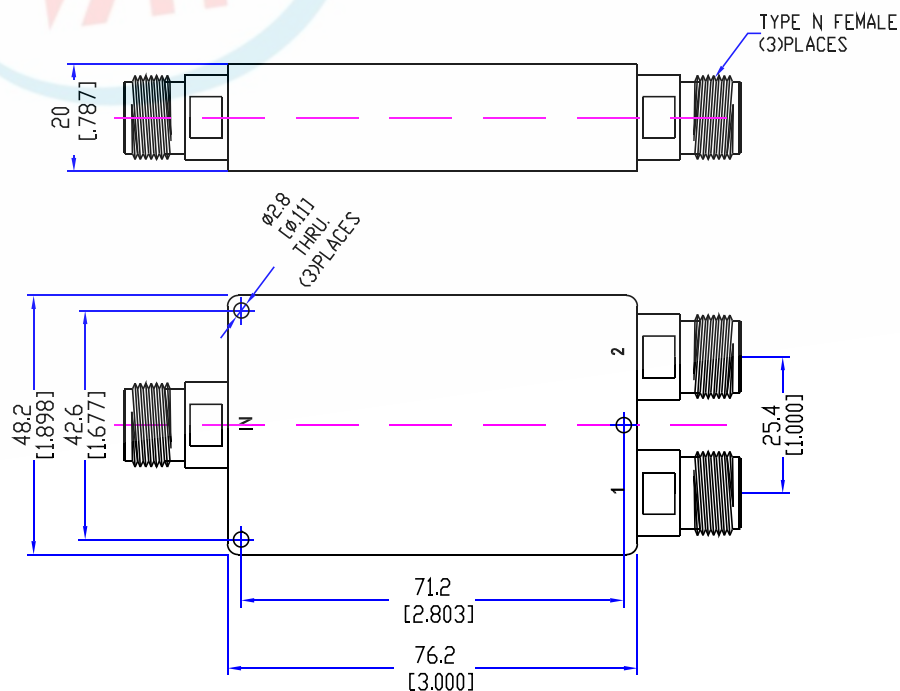
## Model TPD0639N2

### Features

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

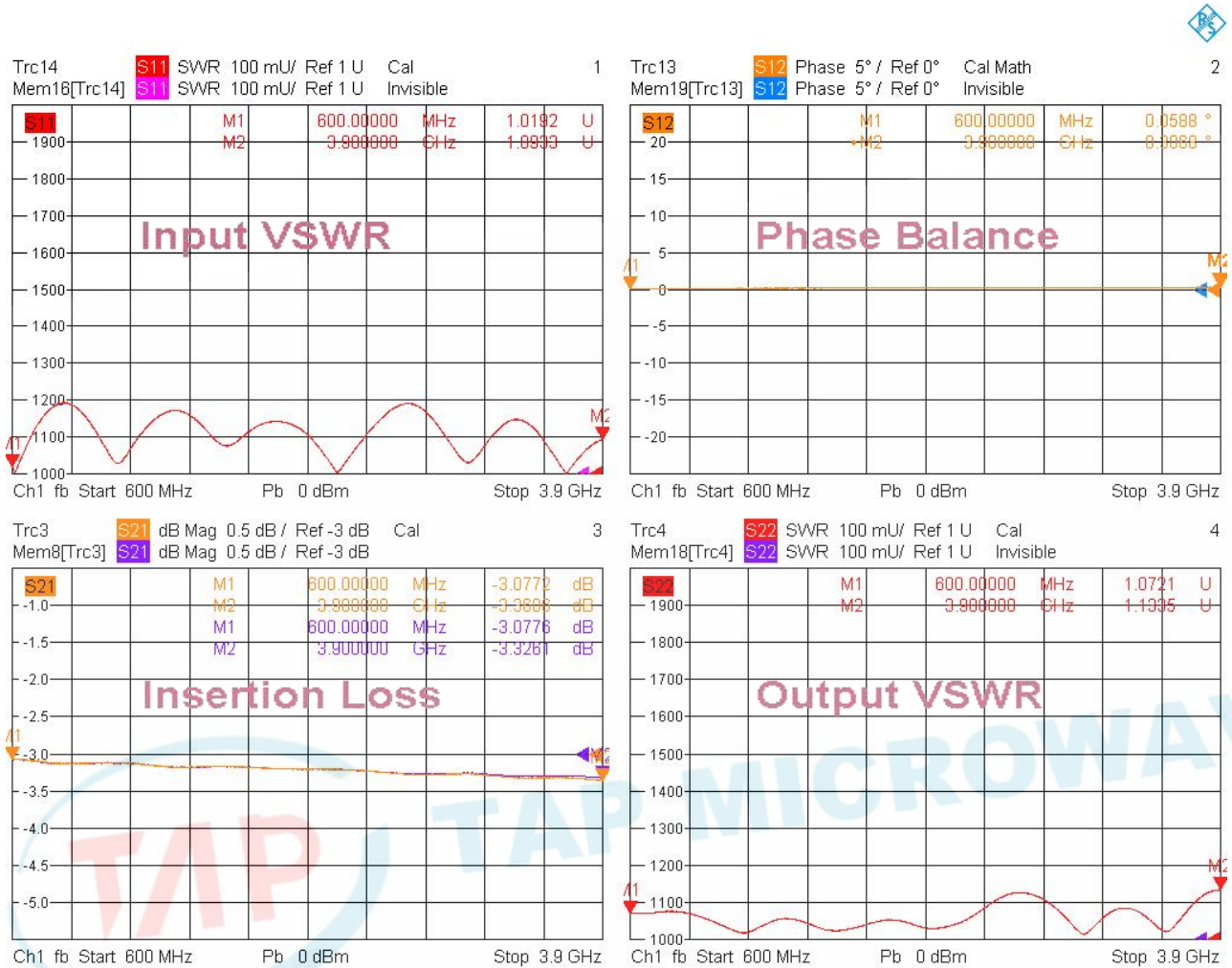
Technical Data Sheet			
Frequency Range	0.6~3.9GHz	Finish	Natural oxygen
Insertion Loss	≤1.2dB (Above 3.01dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.40:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-40~+65°C
<sup>1</sup> Power Handling	Forward ≤50Watt; 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.



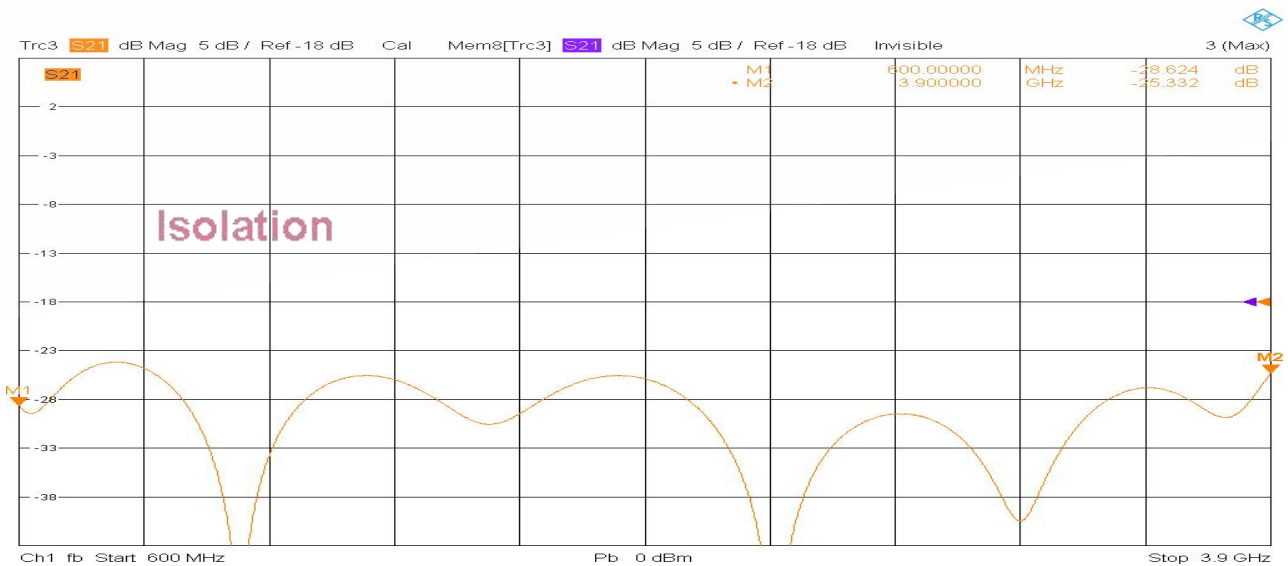
## Typical Performance

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



2/27/2023, 1:59 PM

### 2. Insertion Loss



2/27/2023, 2:02 PM

