

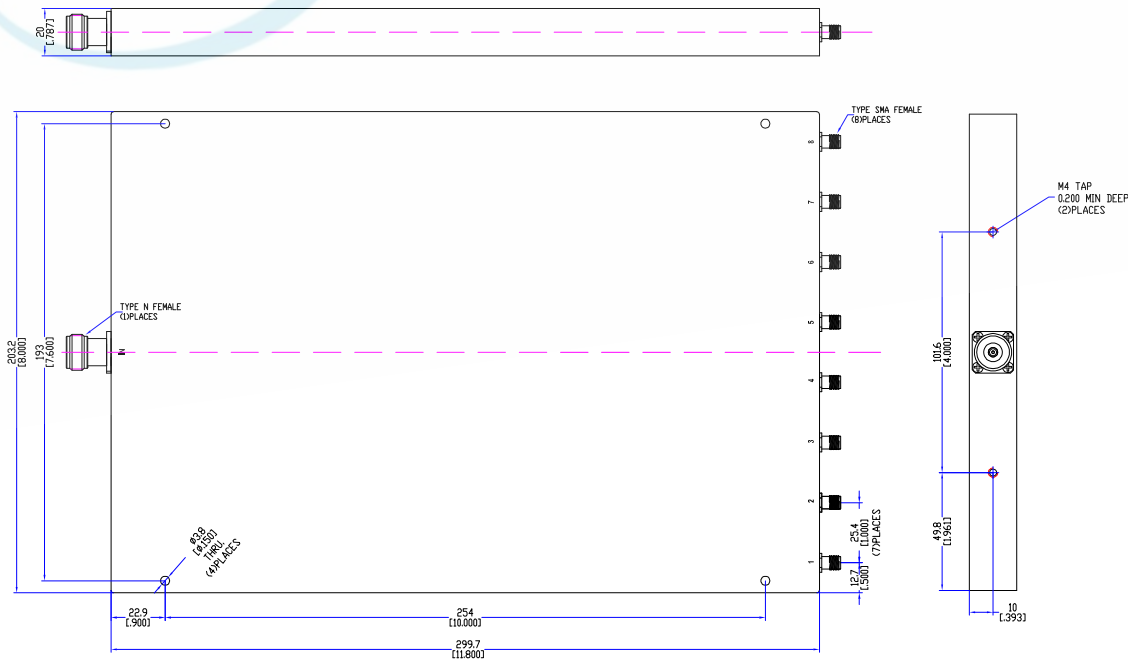
## Model TPD0460N8AA

### Features

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

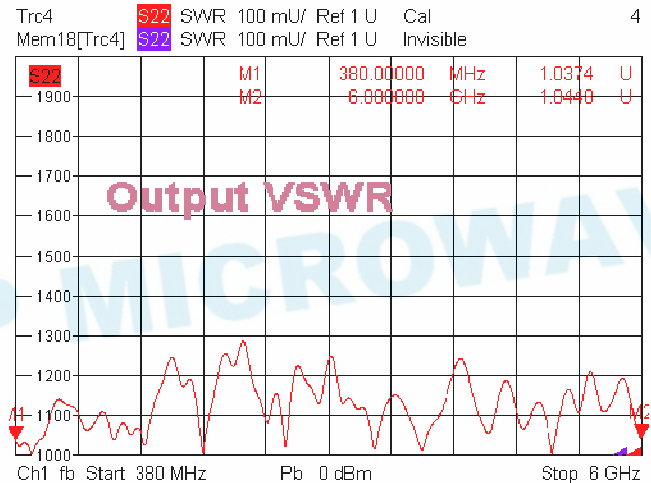
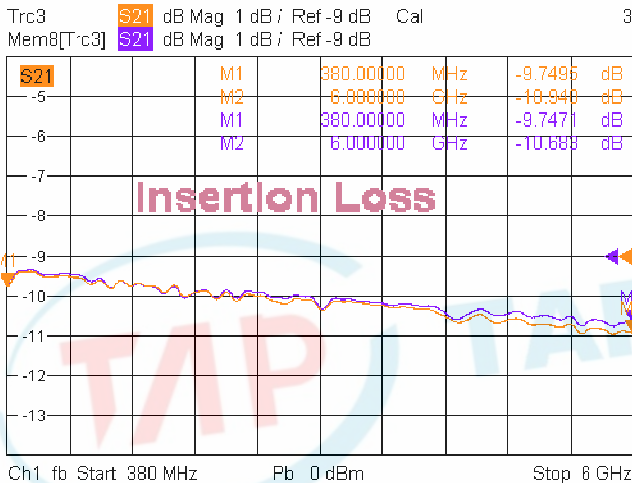
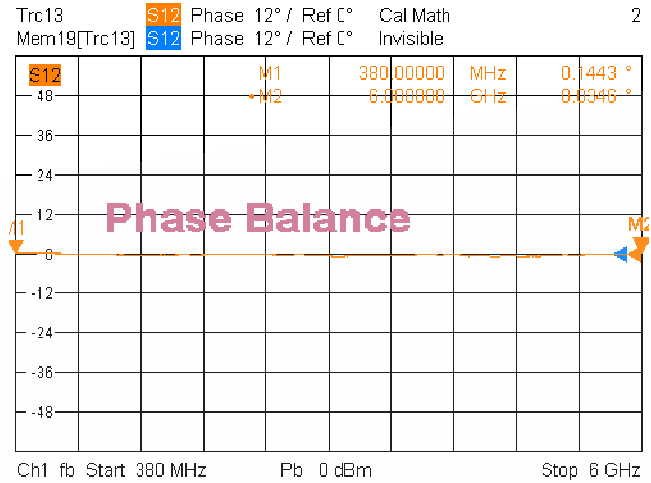
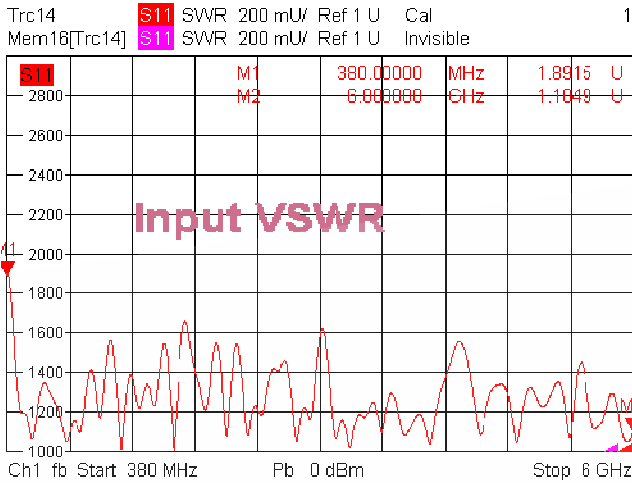
Technical Data Sheet			
Frequency Range	0.38~6.0GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤3.5dB (Above 9.03dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤2.00:1 Output ≤1.70:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥14dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.0dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±12°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	2750g
Port Connectors	Input: N-Female Output: SMA-Female		

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



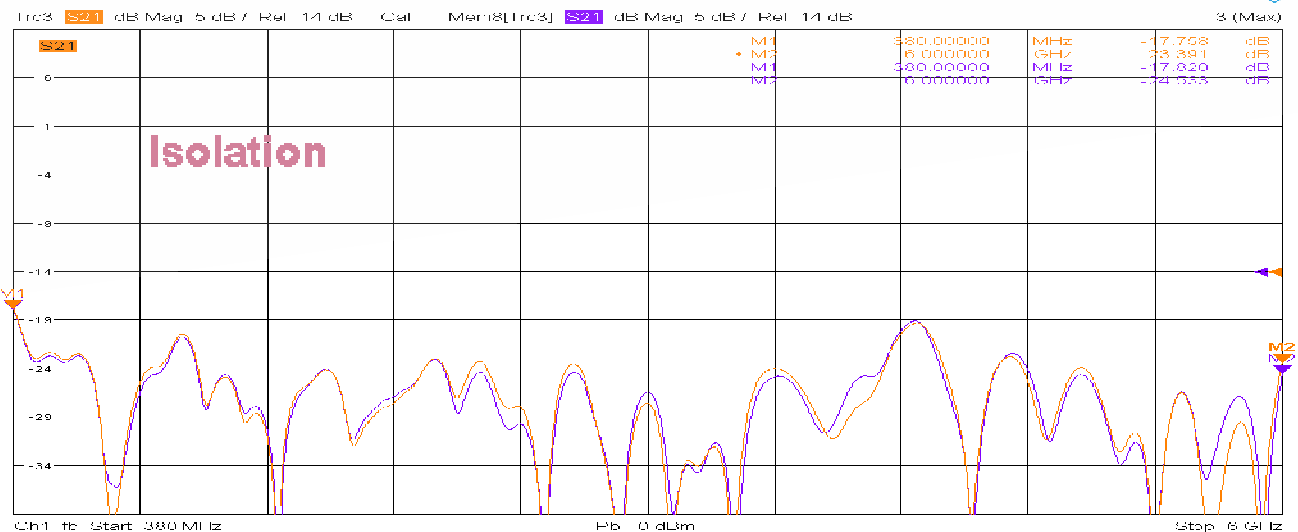
## Typical Performance

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



2/1/2023, 11:43 AM

### 2. Isolation



2/1/2023, 11:44 AM

