

## Model TPD1060A16A

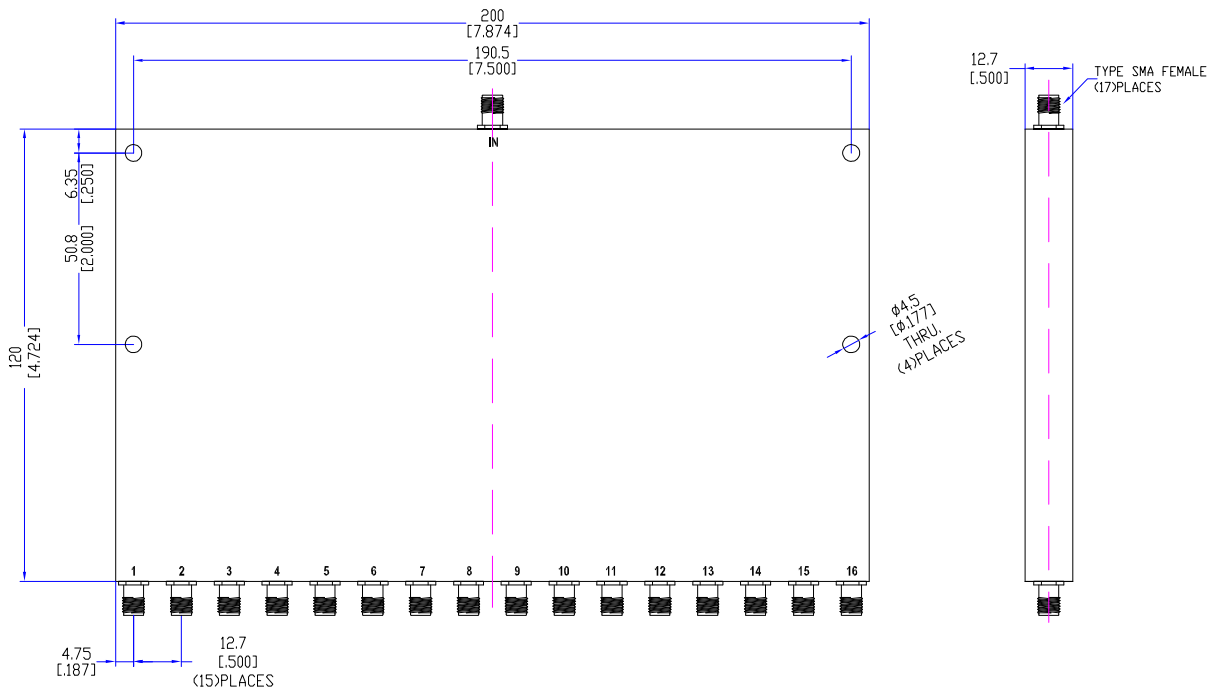
### Features

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

Technical Data Sheet			
Frequency Range	1~6GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤3.0dB (Above 12.04dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.70:1 Output ≤1.40:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±8°	Operating Temperature	-55~+85°C
<sup>1</sup> Amplitude Tracking	≤±1dB	Port Connectors	SMA-Female
<sup>1</sup> Phase Tracking	≤±8°		
<sup>2</sup> Power Handling	Forward ≤20Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	710g

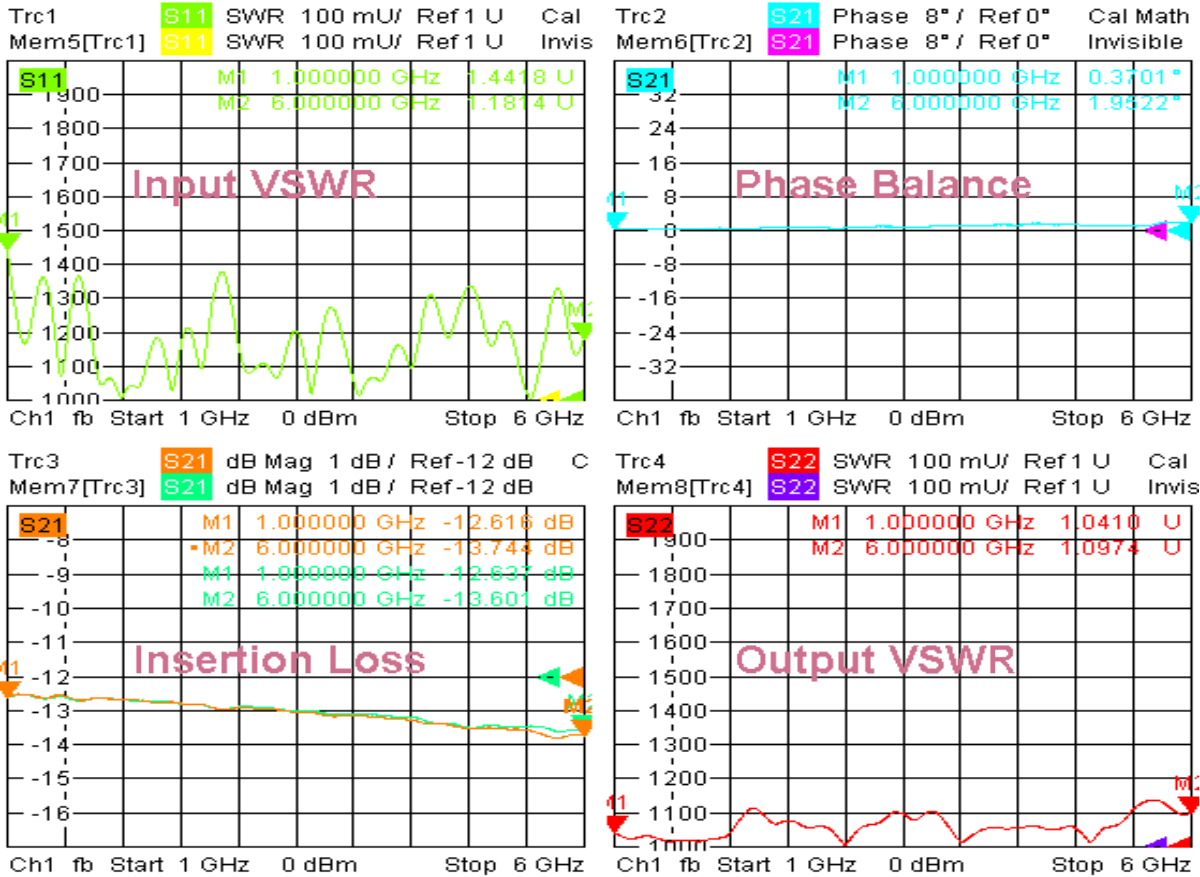
<sup>2</sup>Power Handling guaranteed when load's VSWR within 1.50:1.

<sup>1</sup>Tracking: unit 1 Port1 to Unit N Port1 Only, same batch



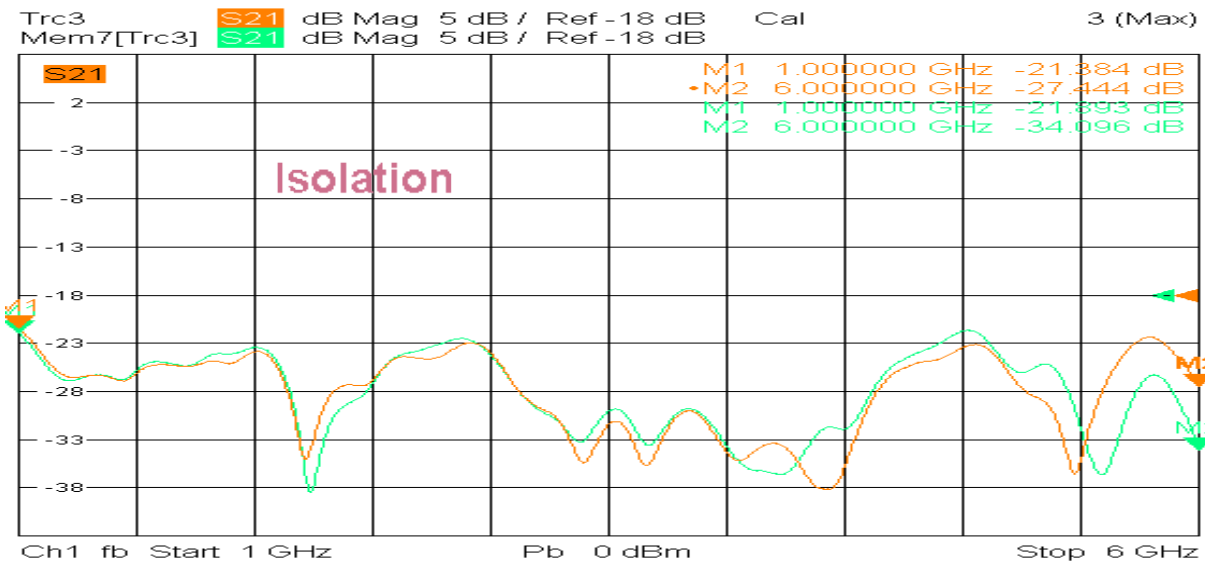
## Typical Performance

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



11/14/2020, 10:00 AM

### 2. Isolation



11/14/2020, 2:17 PM

