

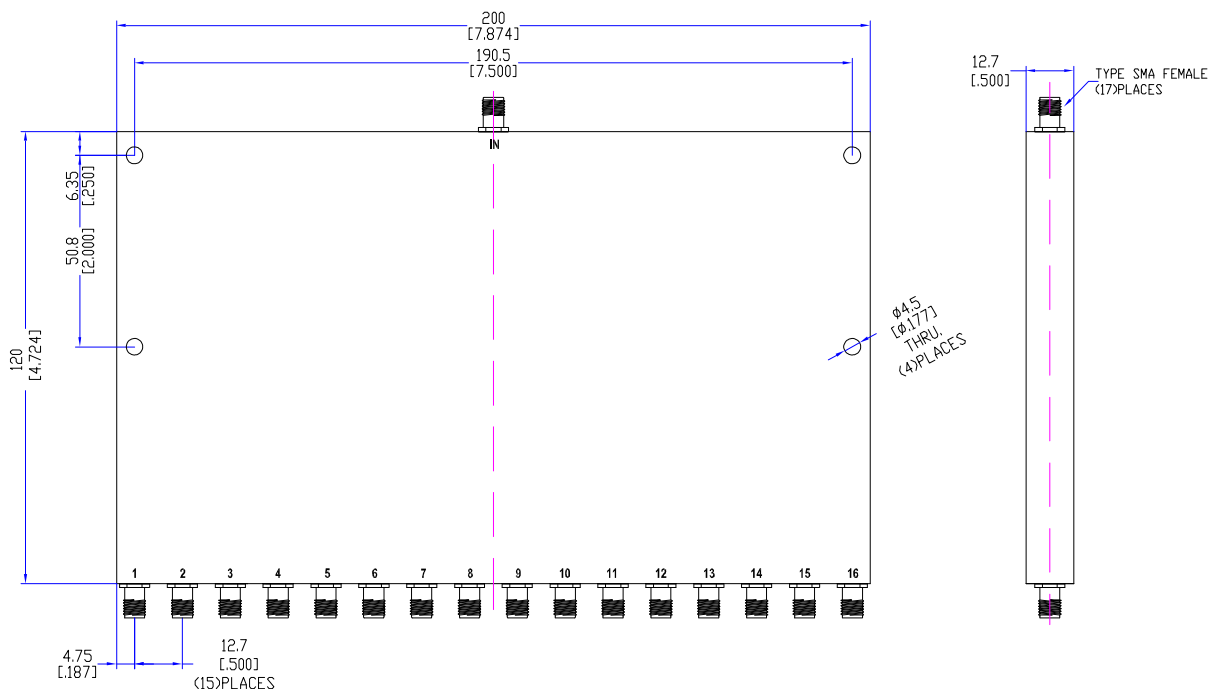
## Model TPD1080A16

### Features

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

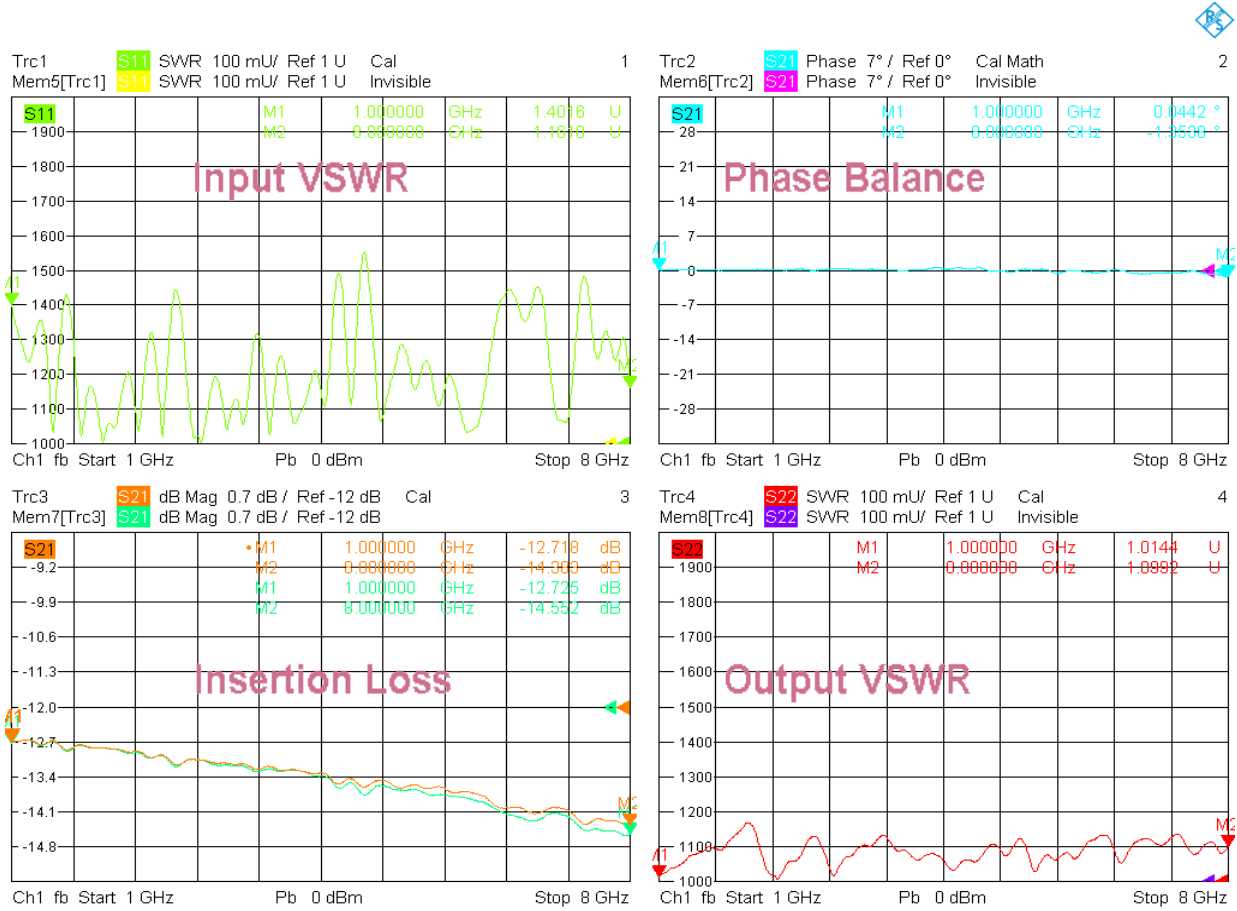
Technical Data Sheet			
Frequency Range	1~8GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤3.6dB (Above 12.04dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.70:1 Output ≤1.40:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥16dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.7dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±7°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	740g
Port Connectors	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. Insertion Loss

