

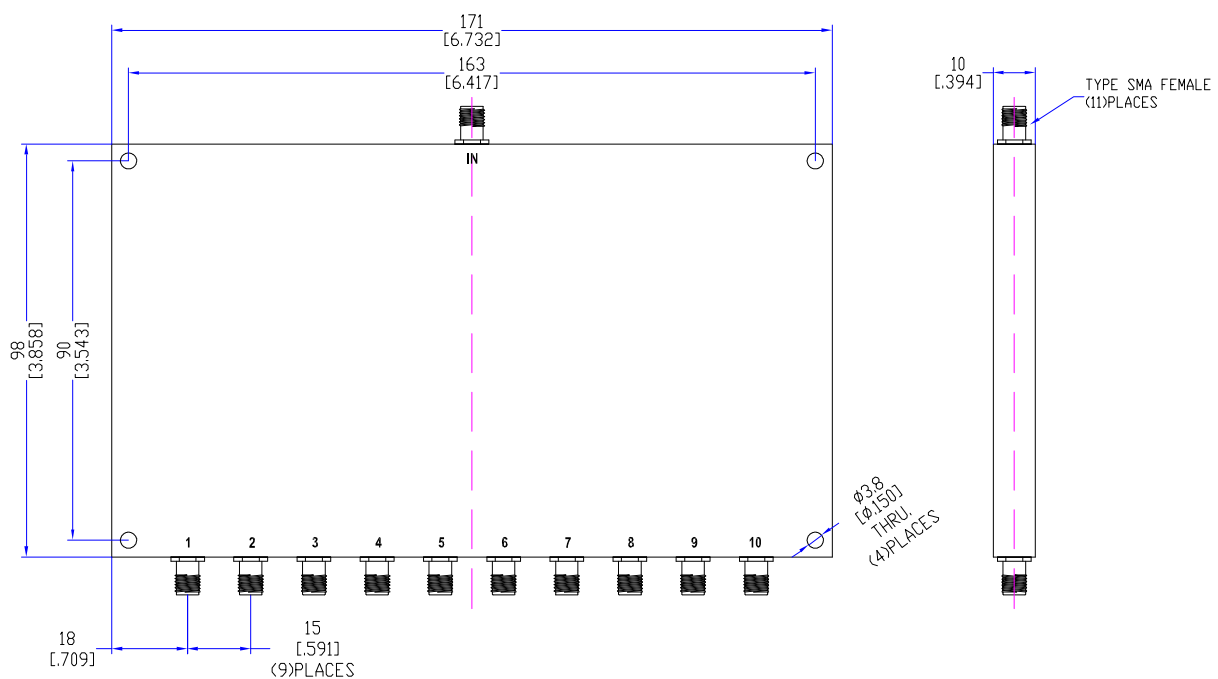
## Model TPD1020A10

### Features

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

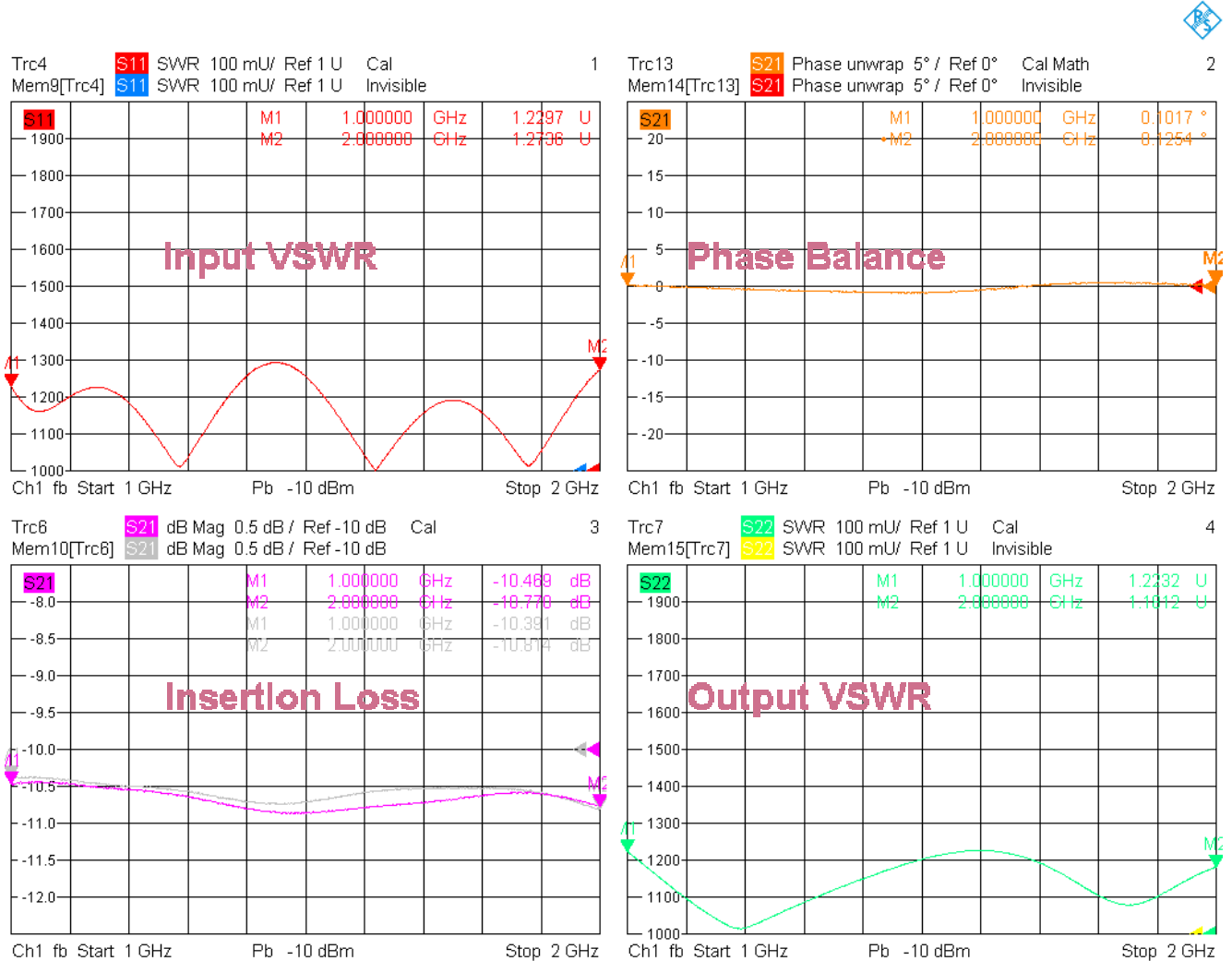
Technical Data Sheet			
Frequency Range	1~2GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.1dB (Above 10.0dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.40:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±5°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	220g
Port Connectors	SMA-Female		

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



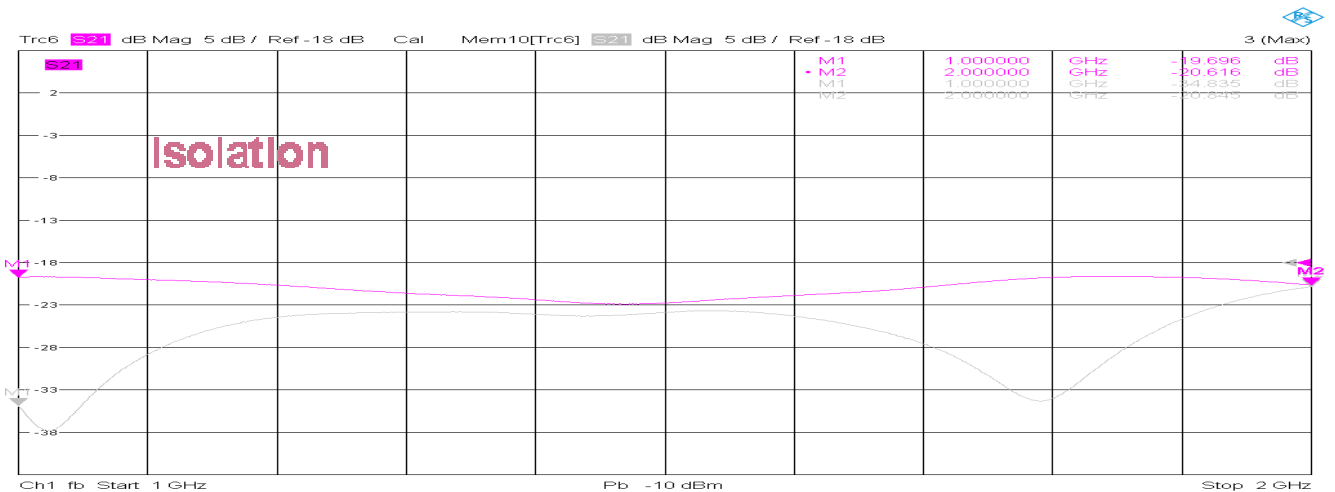
## Typical Performance

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



1/3/2023, 10:02 AM

### 2. Isolation



1/3/2023, 10:03 AM

