

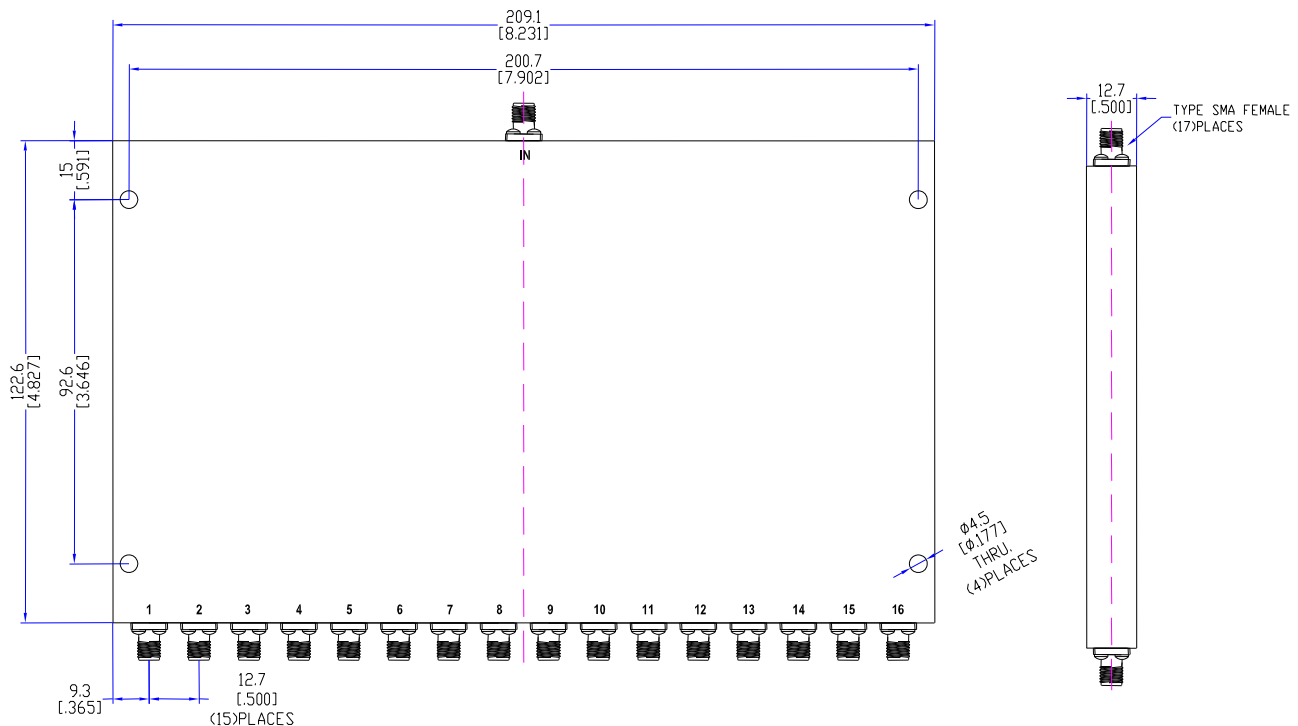
## Model TPD20180A16

### Features

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

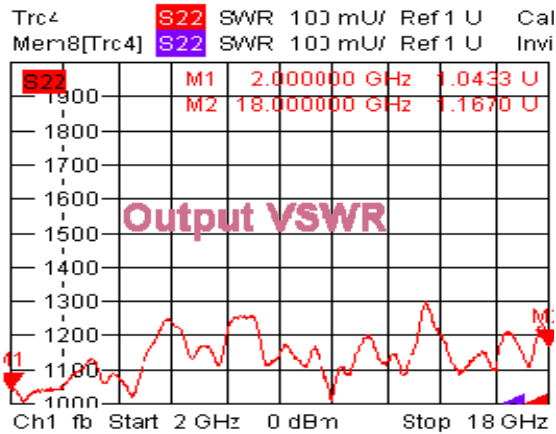
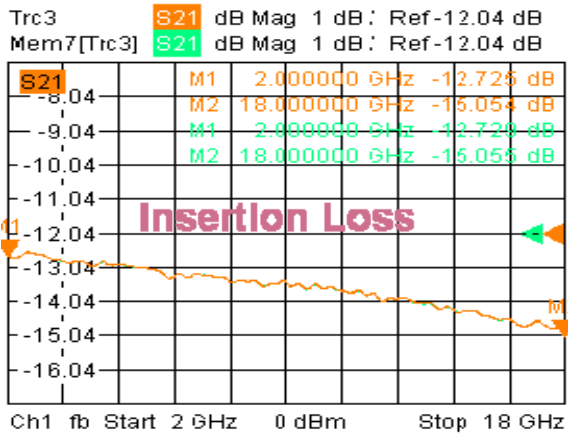
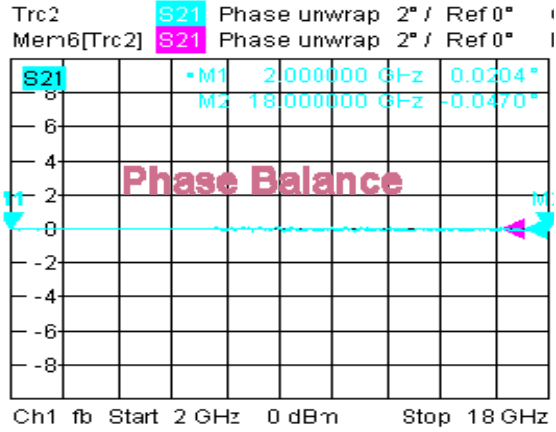
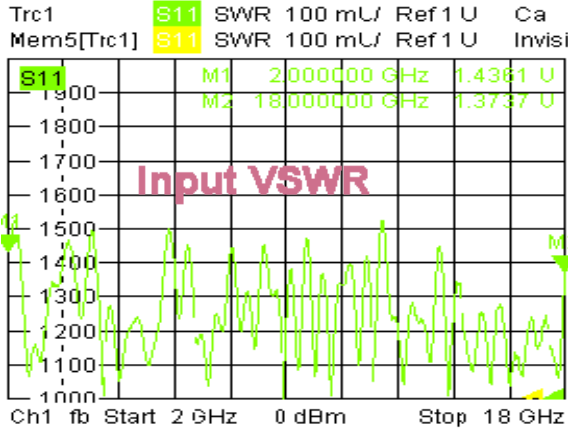
Technical Data Sheet			
Frequency Range	2~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤3.6dB (Above 12.04dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.80:1 Output ≤1.60:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥16dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±8°	Operating Temperature	-55~+85°C
<sup>1</sup> 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.



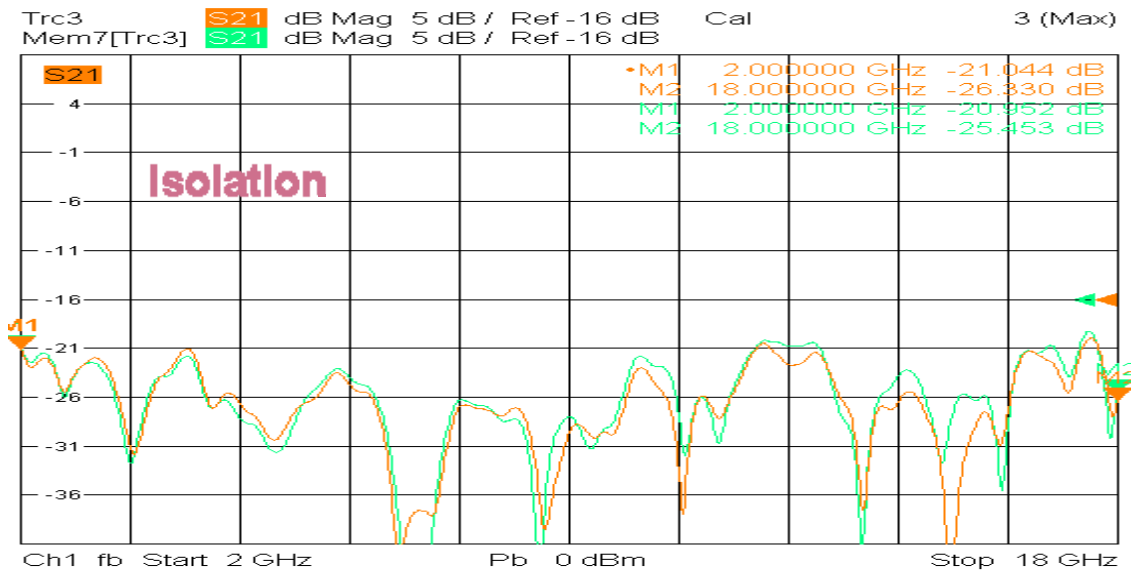
## Typical Performance

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



3/5/2019, 10:28 AM

### 2. Isolation



3/5/2019, 10:40 AM

