

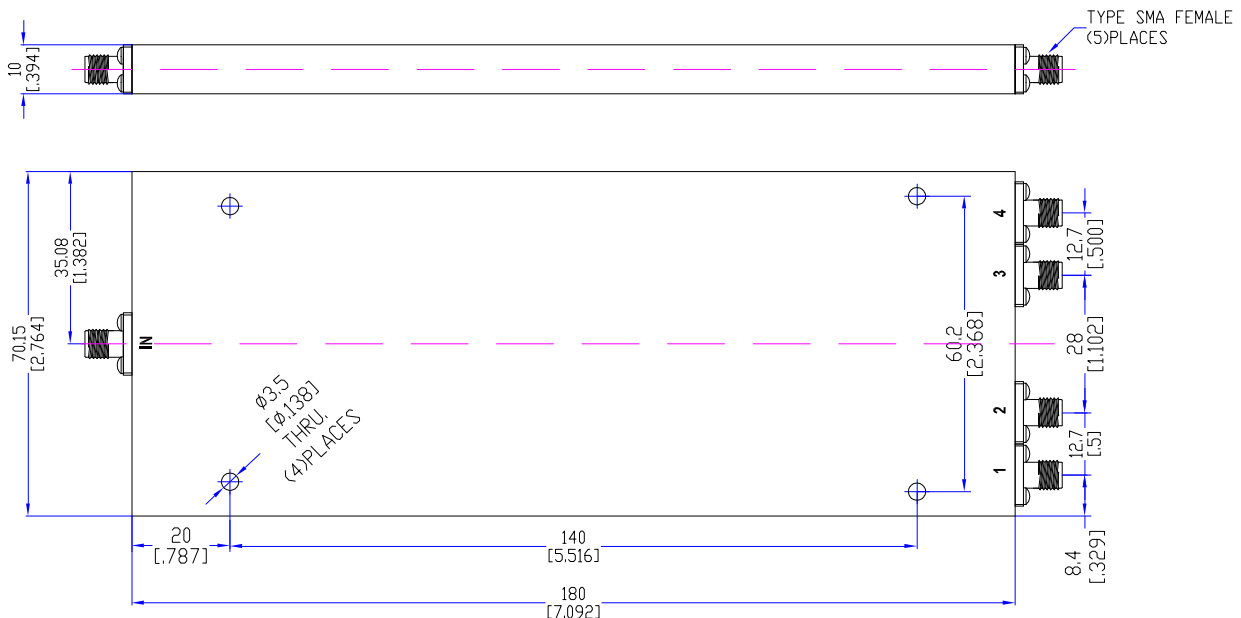
## Model TPD04180A4

### Features

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

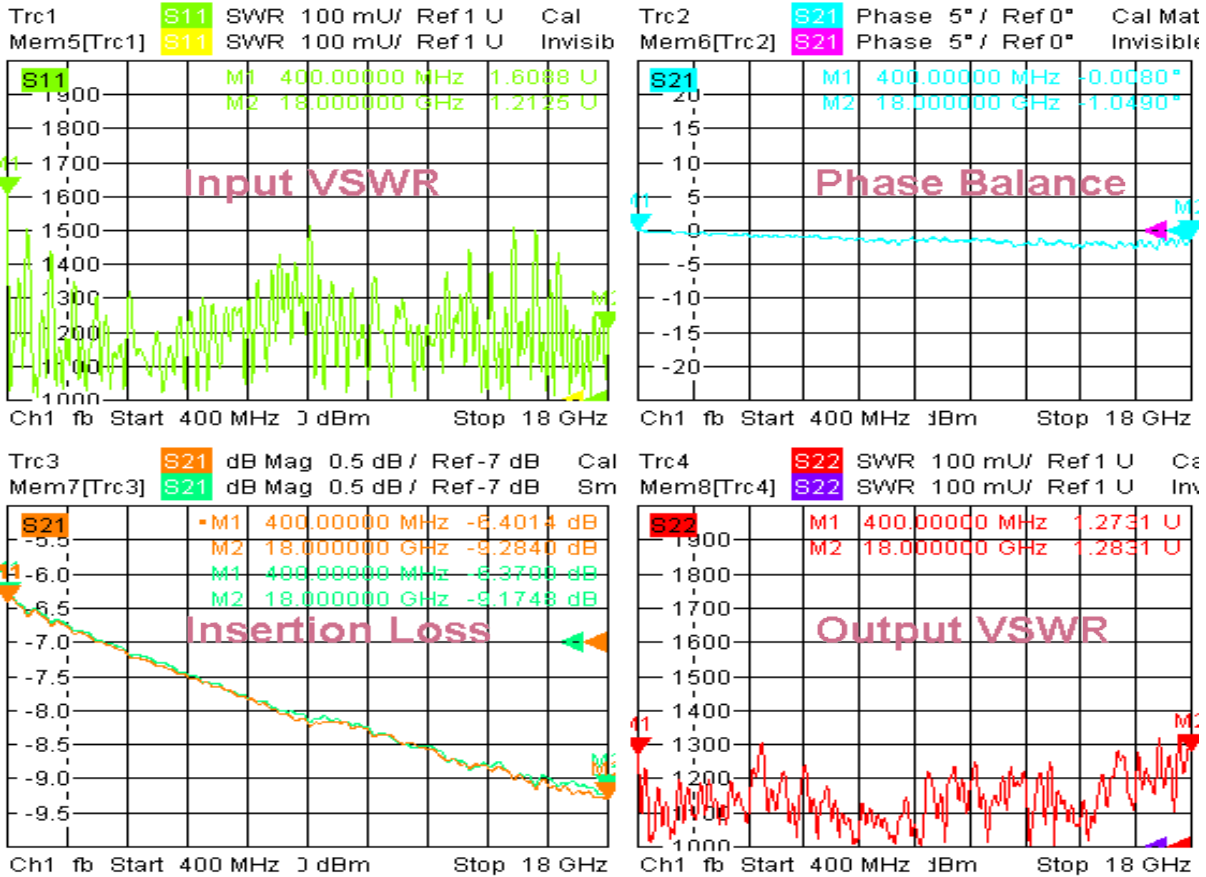
Technical Data Sheet			
Frequency Range	0.4~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤4.2dB (Above 6.02dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.80:1 Output ≤1.50:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥15dB	Connector Pin	Beryllium Copper, 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	330g
Port Connectors	SMA-Female		

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



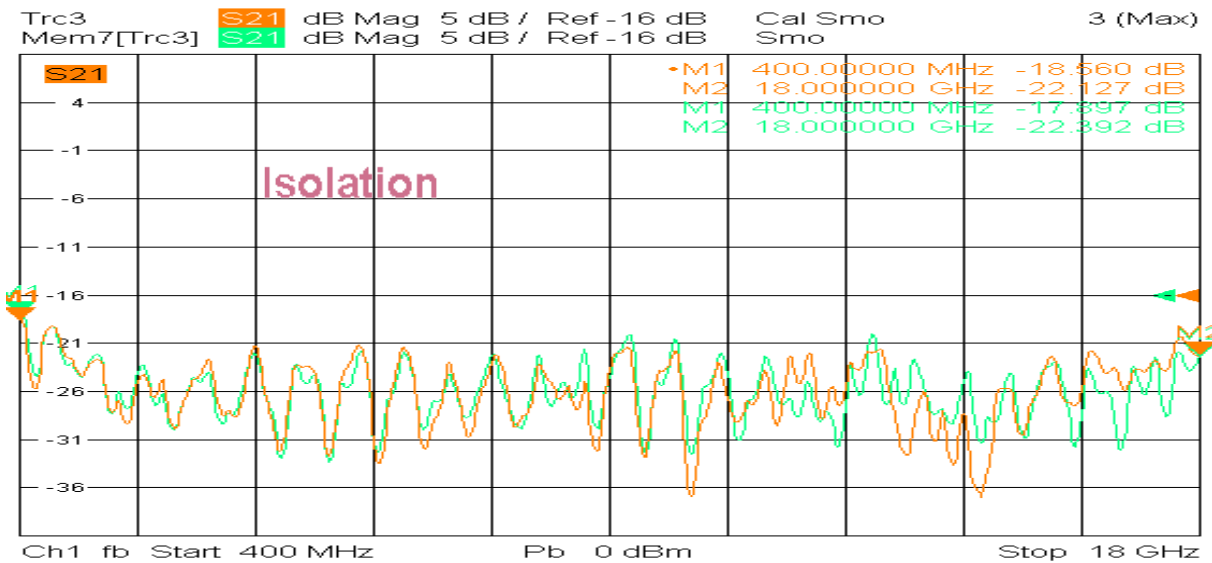
## Typical Performance

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



3/11/2021, 9:35 AM

### 2. Isolation



3/11/2021, 9:34 AM

