

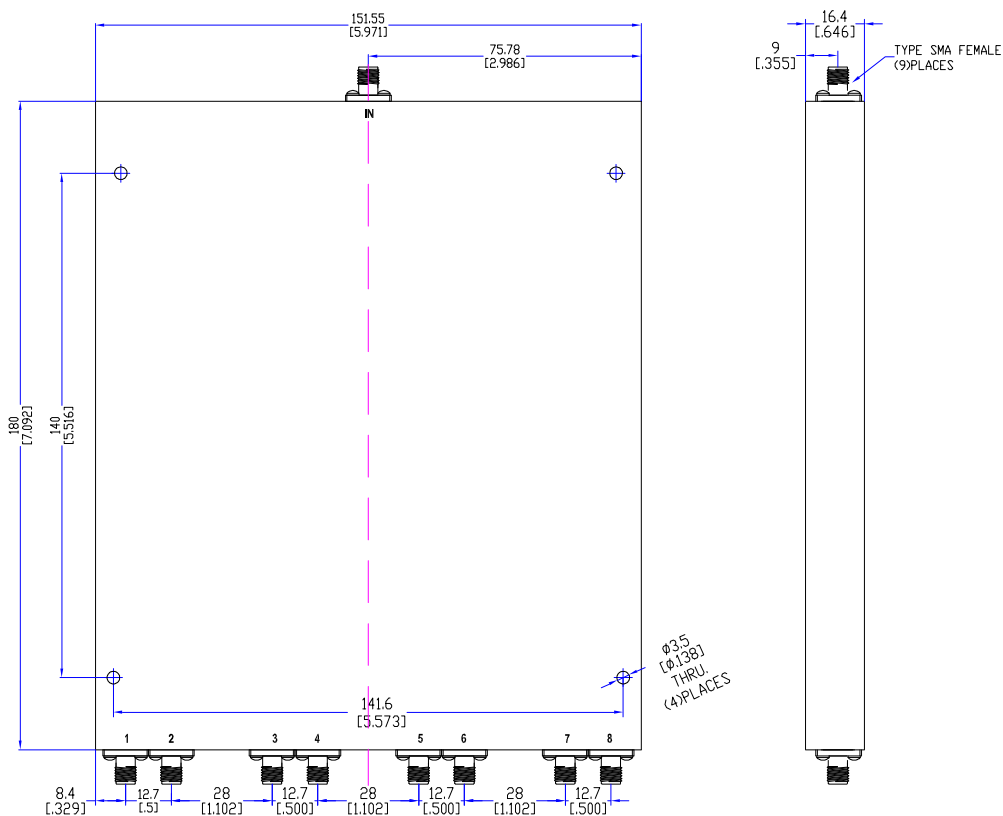
## Model TPD05127A8

### Features

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

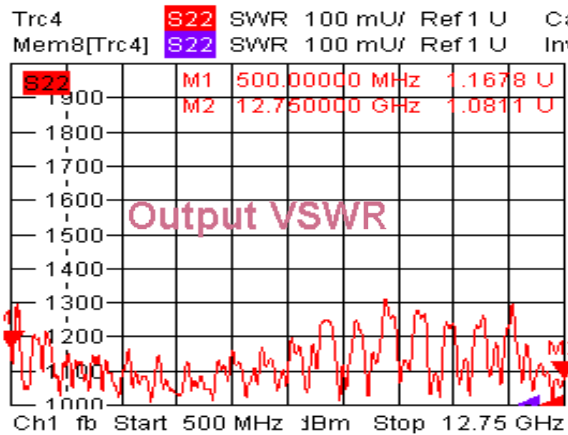
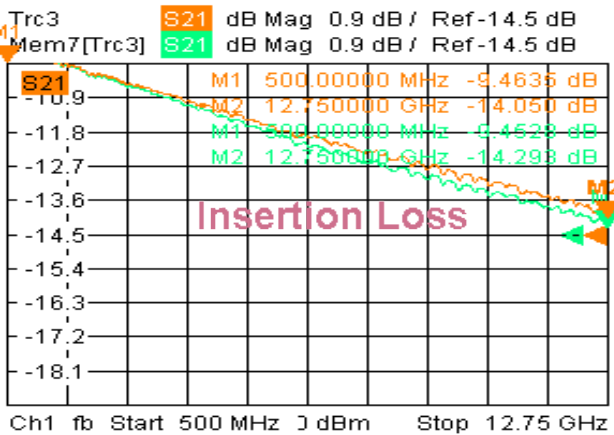
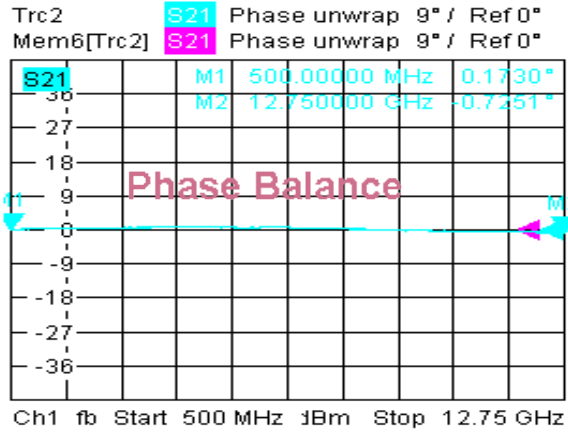
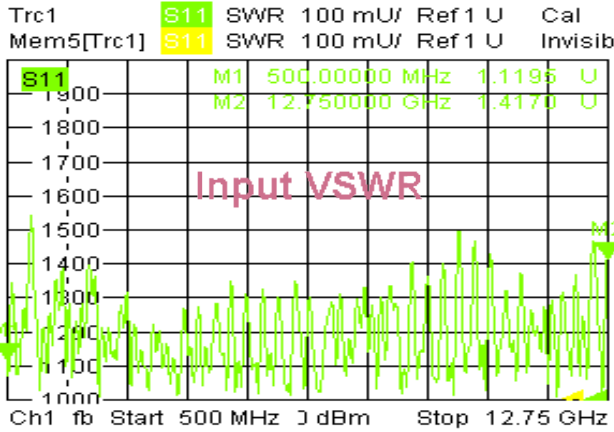
Technical Data Sheet			
Frequency Range	0.5~12.75GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤5.0dB (Above 9.03dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.90:1 Output ≤1.60:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥15dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.9dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±9°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	1160g
Port Connectors	SMA-Female		

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



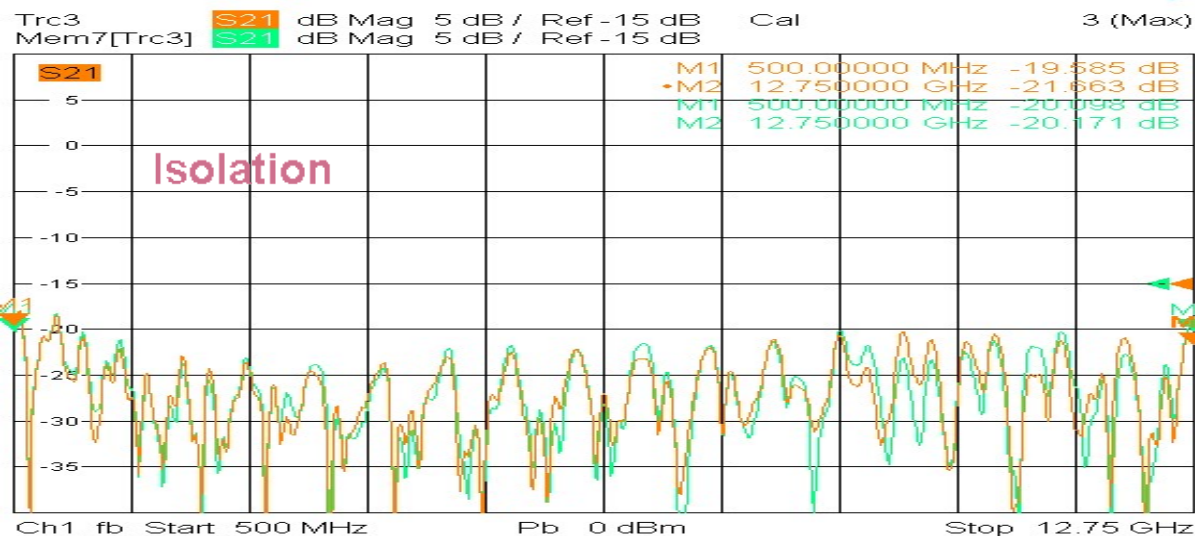
## Typical Performance

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



11/21/2019, 7:47 AM

### 2. Isolation



11/21/2019, 7:36 AM

