

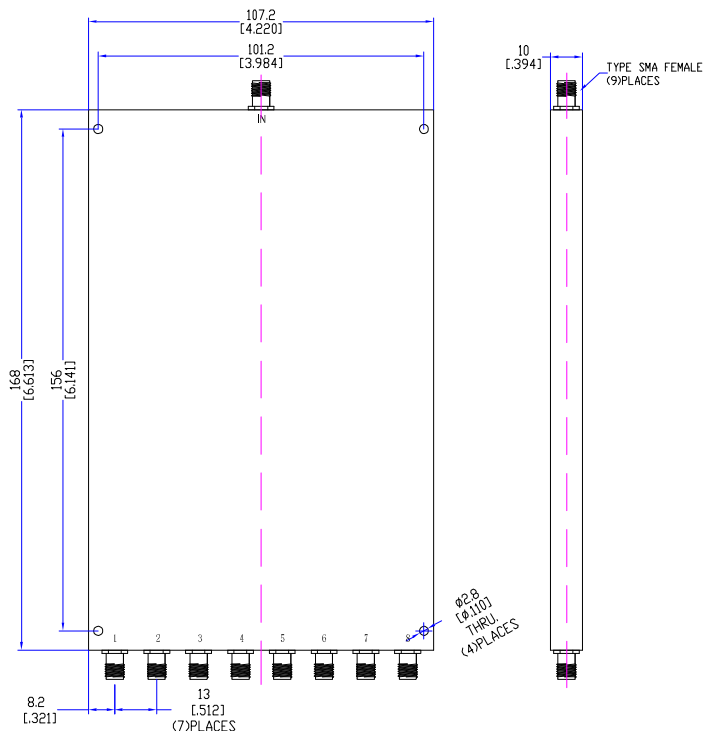
## Model TPD0580A8

### Features

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

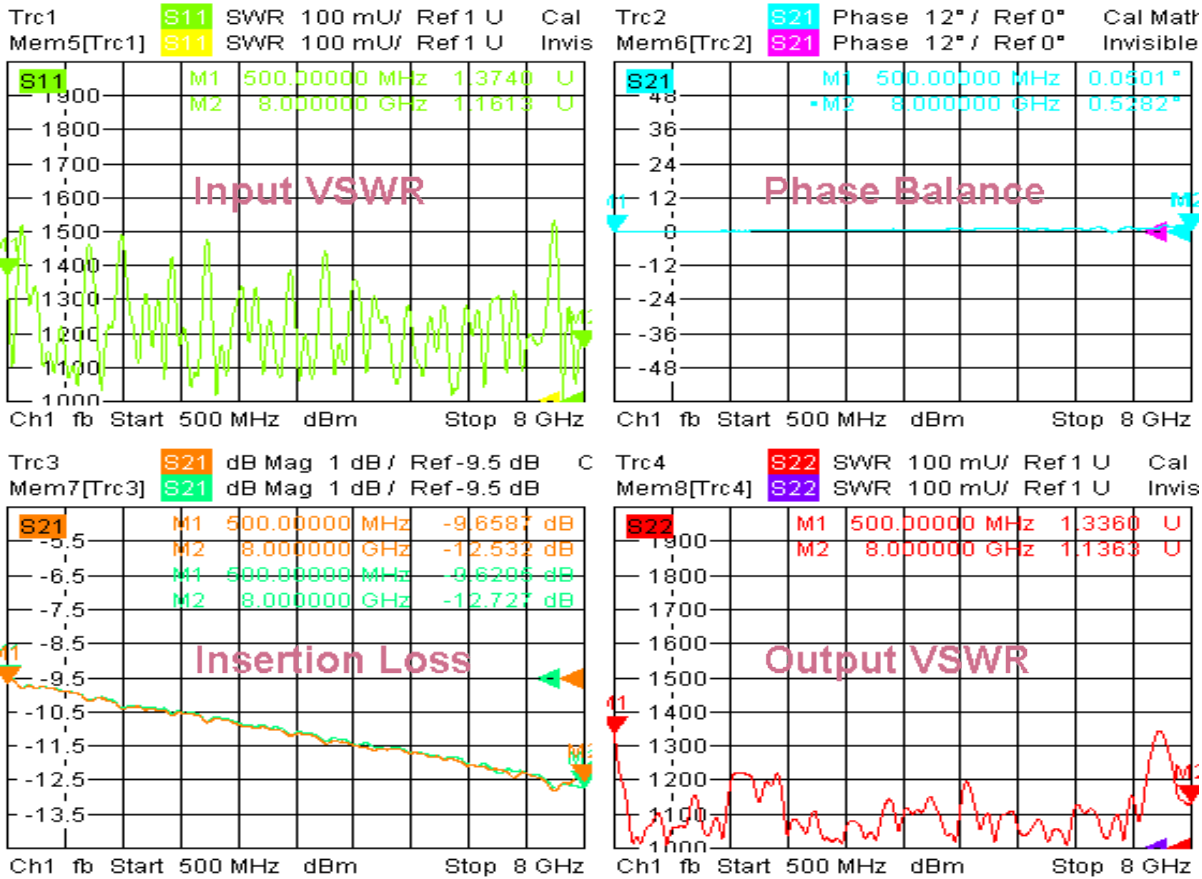
Technical Data Sheet			
Frequency Range	0.5~8GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤4.5dB (Above 9.03dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.90:1 Output ≤1.80:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥14dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.0dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±12°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	370g
Port Connectors	SMA-Female		

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



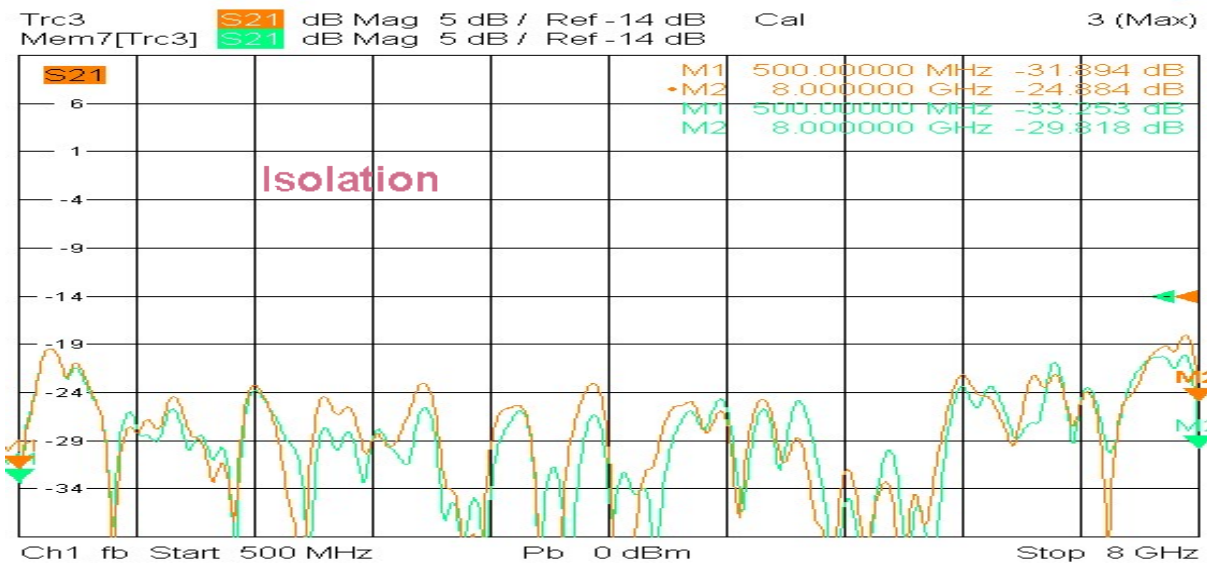
## Typical Performance

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



7/29/2020, 12:59 PM

### 2. Insertion Loss



7/29/2020, 1:04 PM

