

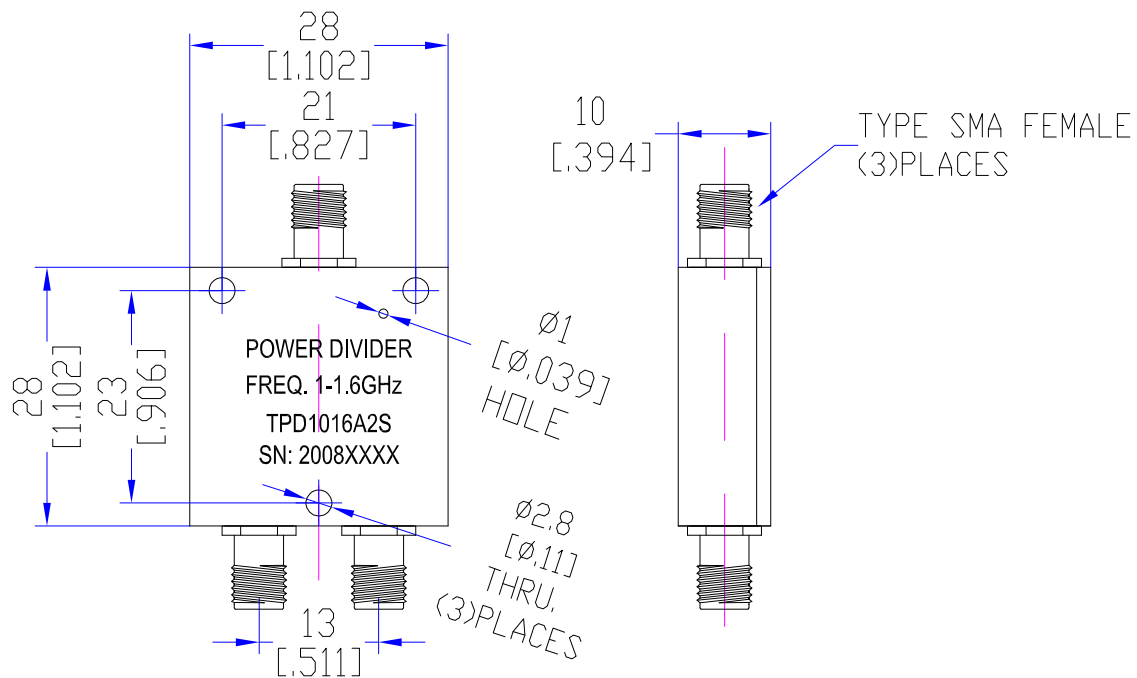
## Model TPD1016A2S

### Features

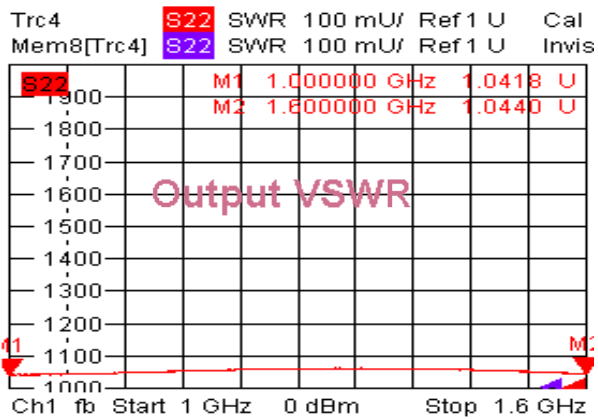
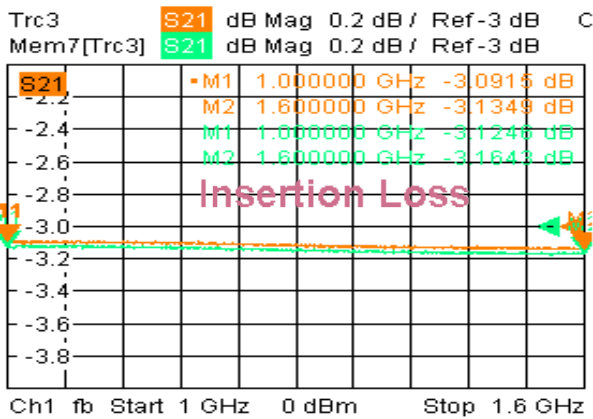
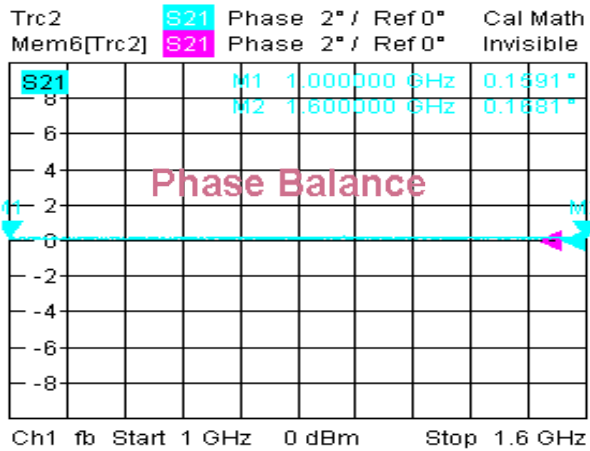
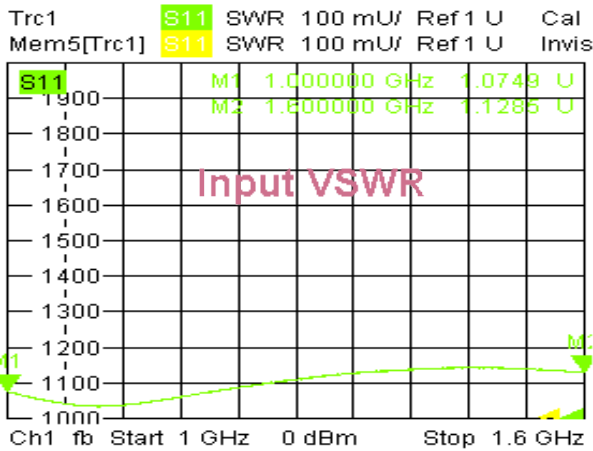
Excellent phase& amplitude balance  
Low Insertion Loss& VSWR  
High Isolation

Technical Data Sheet			
Frequency Range	1~1.6GHz	Finish	Alodine coating
Insertion Loss	≤0.35dB (Above 3.01dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.20:1 Output ≤1.15:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥22dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.2dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±2°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤10Watt; Reversed ≤5Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	25g
Port Connectors	SMA-Female	Remark	Φ1mm hole in cover

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

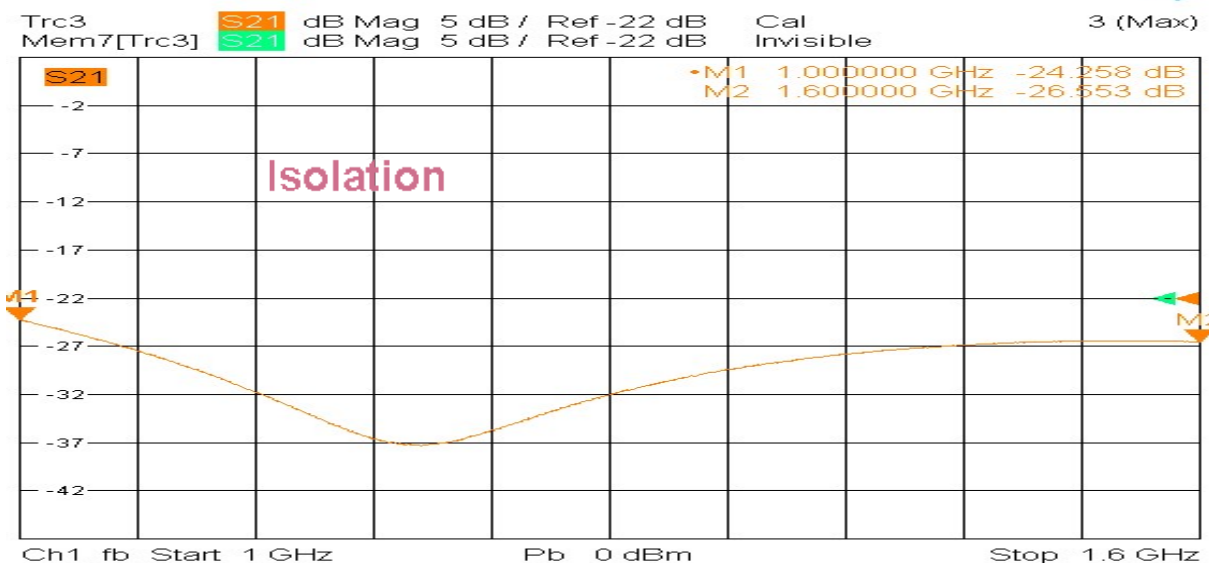


## 1. Insertion Loss, Amplitude & Phase Balance, VSWR



9/4/2020, 11:13 AM

## 2. Isolation



9/4/2020, 11:18 AM

