

Model TPD0827A2GD

Features

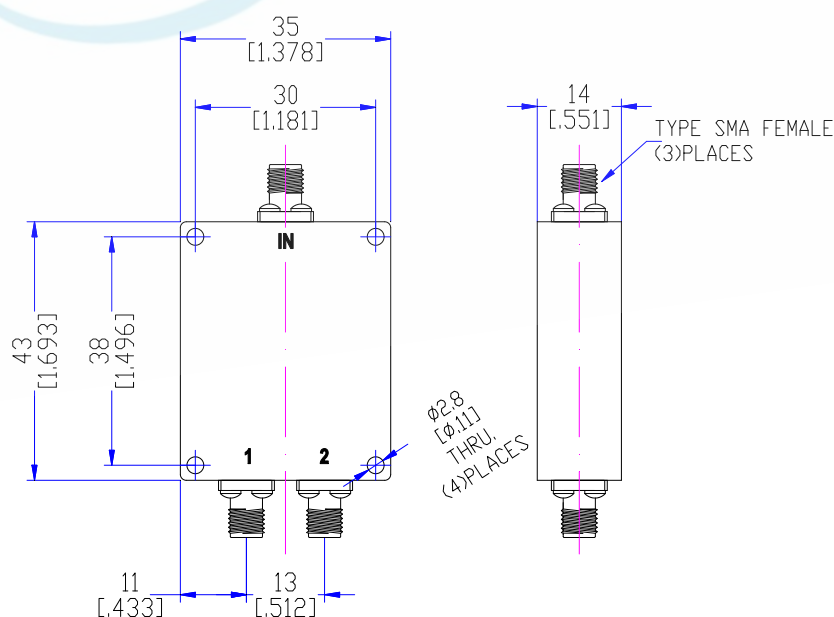
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

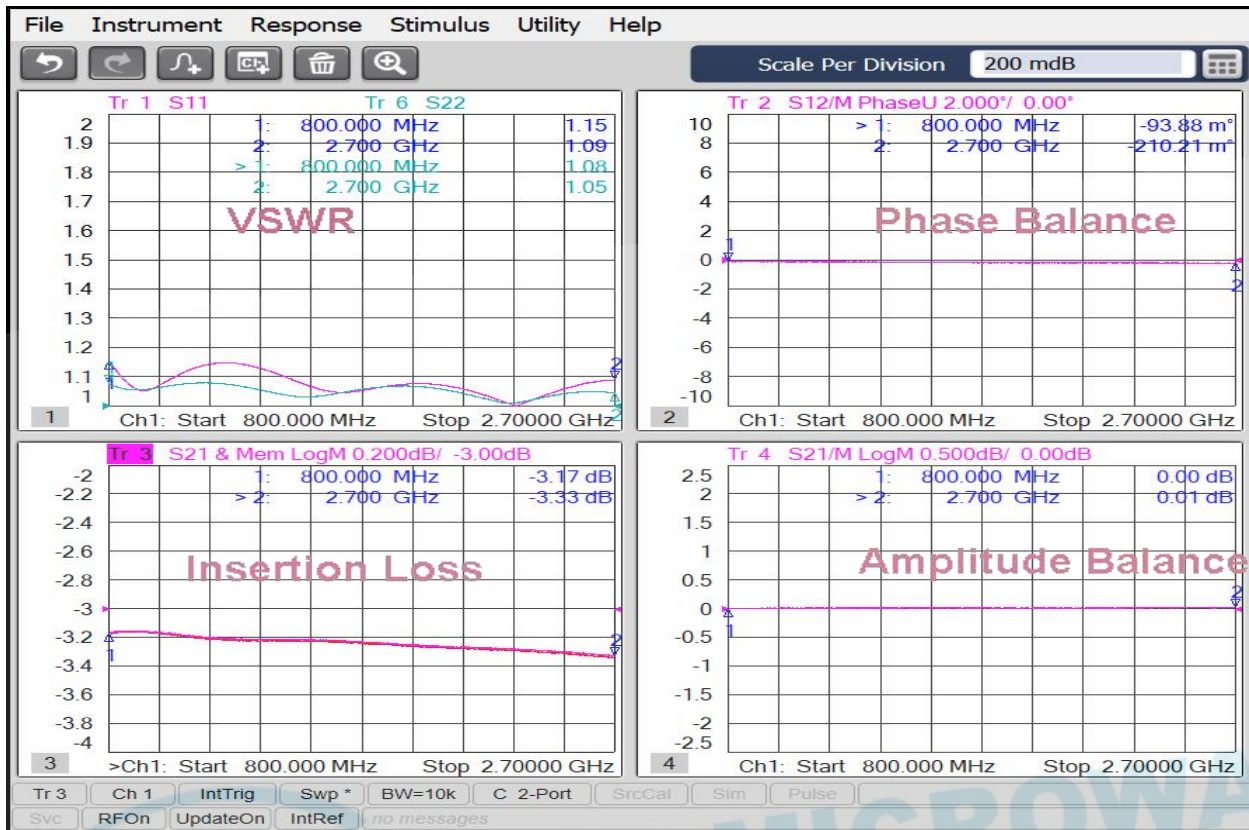
Technical Data Sheet			
Frequency Range	0.8~2.7GHz	Finish	Painted Black
Insertion Loss	≤0.4dB(At +25℃) ≤0.5dB(At -55℃, +85℃) (Above 3.01dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.20:1 Output ≤1.20:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.2dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±2°	Operating Temperature	-55~+85℃
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 90%,Non- Condensing
Impedance	50Ω	Weight	40g
Port Connectors	SMA-Female	DC Block	2 output ports

¹Power Handling guaranteed when load's VSWR within 1.50:1.



Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



2. Isolation

