

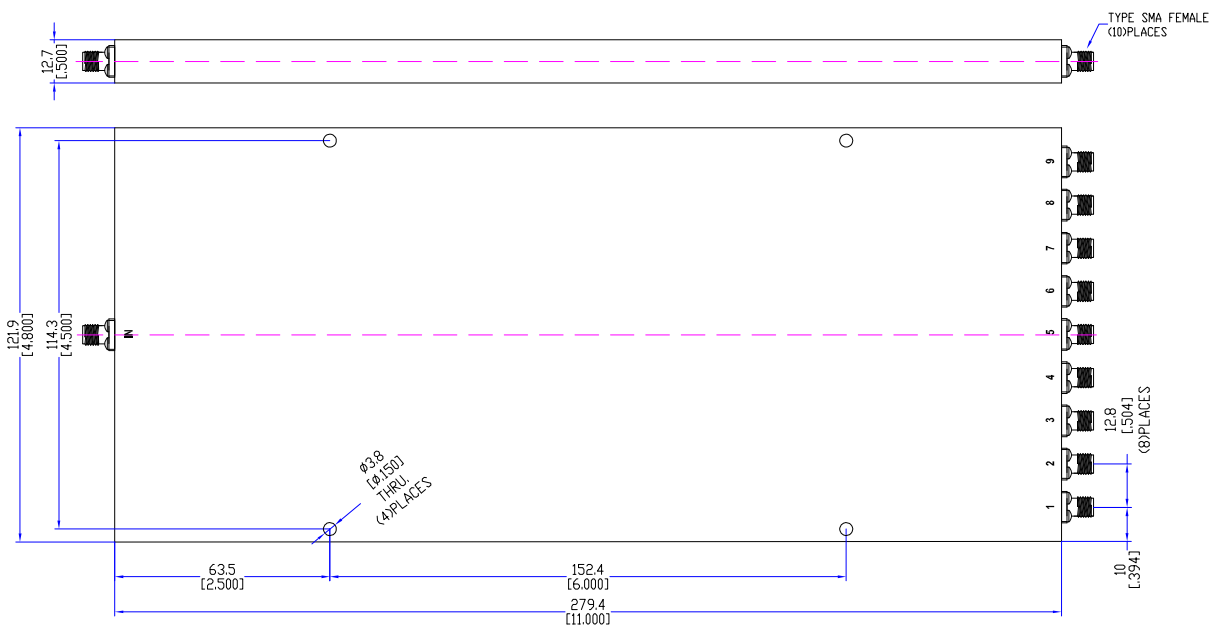
Model TPD0880A9

Features

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

Technical Data Sheet			
Frequency Range	0.8~8GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤3.8dB (Above 9.54dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤2.20:1 Output ≤1.70:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥14dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.2dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±12°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤20Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	1170g
Port Connectors	SMA-Female		

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

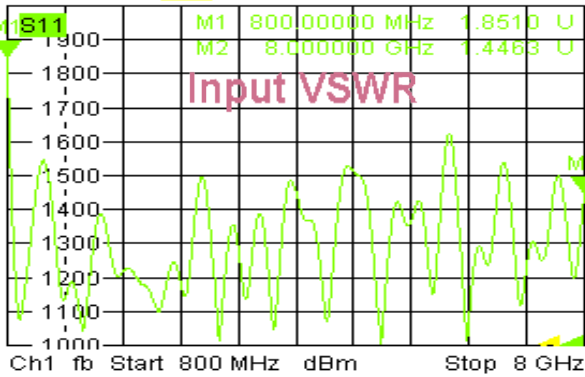


Typical Performance

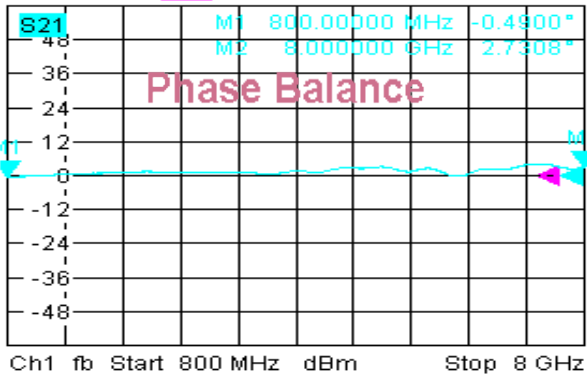
1. Insertion Loss, Amplitude & Phase Balance, VSWR



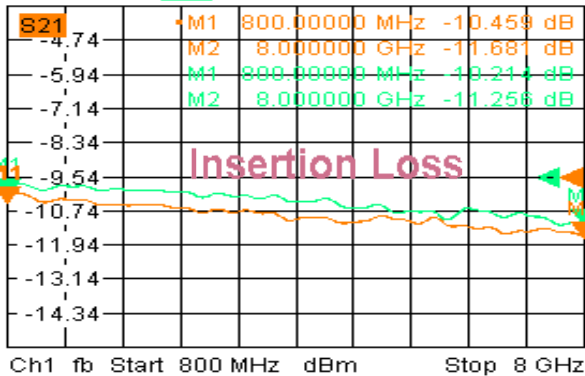
Trc1 Mem5[Trc1] S11 SWR 100 mU/ Ref1 U Cal Invis



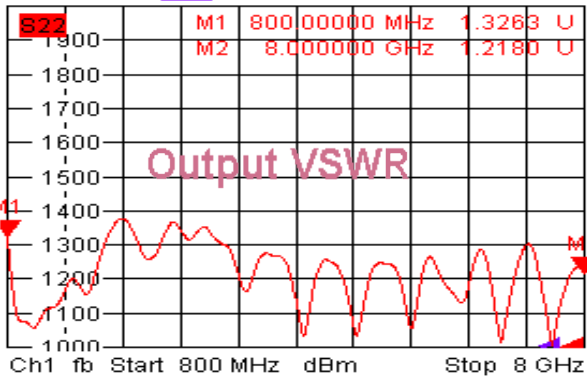
Trc2 Mem6[Trc2] S21 Phase 12° / Ref0° Cal Matr Invisible



Trc3 Mem7[Trc3] S21 dB Mag 1.2 dB / Ref-9.54 dB



Trc4 Mem8[Trc4] S22 SWR 100 mU/ Ref1 U Cal Invis

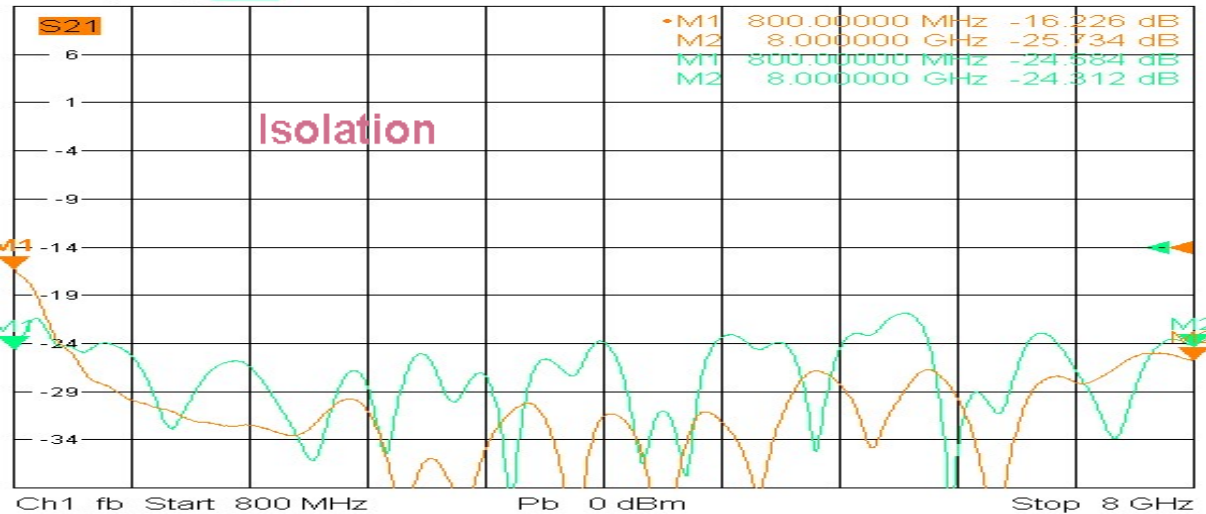


10/22/2020, 2:20 PM

2. Isolation



Trc3 Mem7[Trc3] S21 dB Mag 5 dB / Ref -14 dB Cal 3 (Max)



10/22/2020, 2:22 PM

