

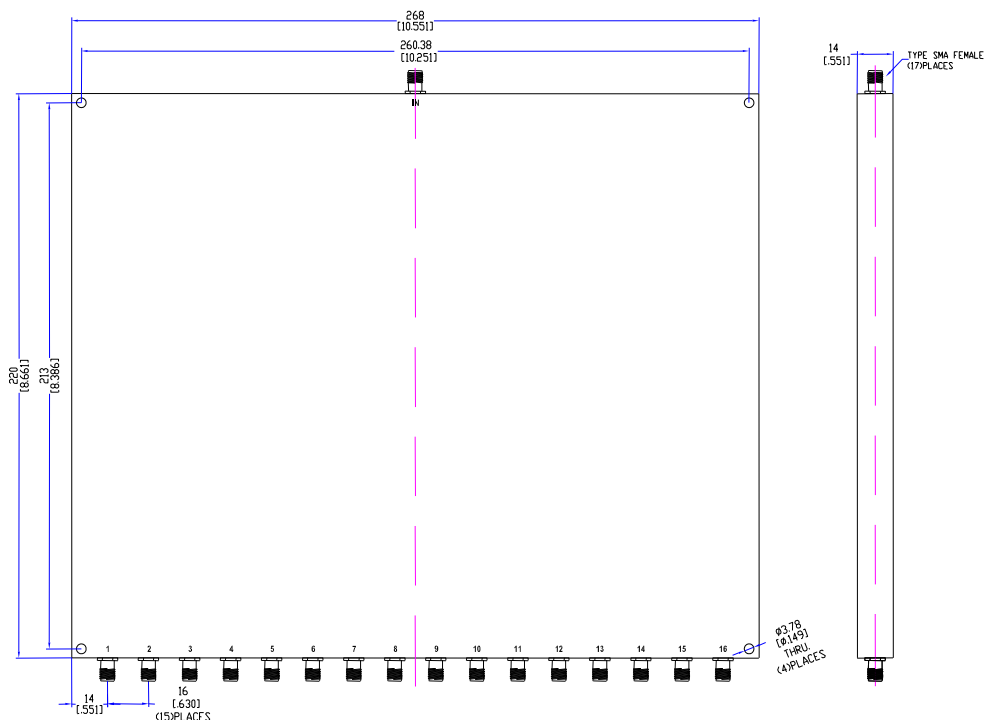
Model TPD0640A16

Features

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

Technical Data Sheet			
Frequency Range	0.6~4.0GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤3.2dB (Above 12.04dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.50:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±8°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤50Watt; Reversed ≤5Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	1480g
Port Connectors	SMA-Female		

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

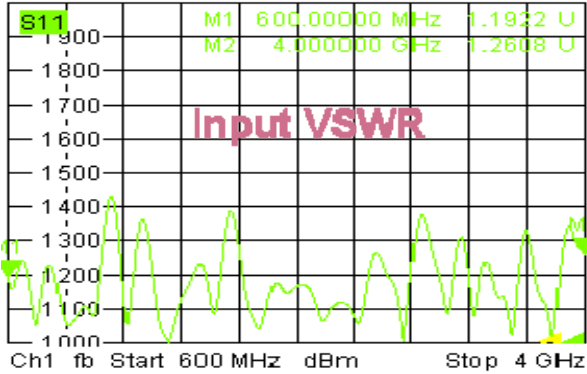


Typical Performance

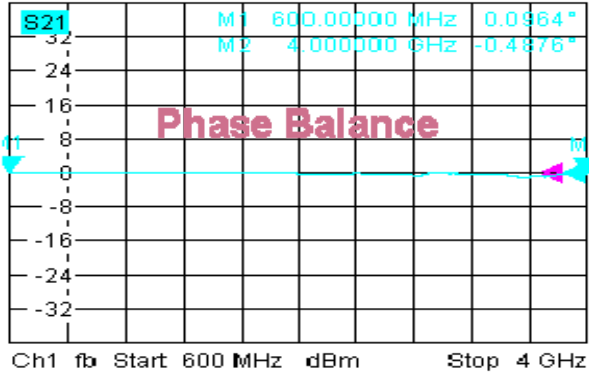
1. Insertion Loss, Amplitude & Phase Balance, VSWR



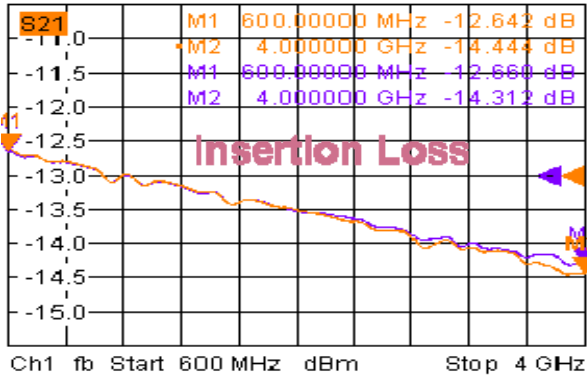
Trc1 Mem5[Trc1] **S11** SWR 100 mU/ Ref1 U Cal Invis



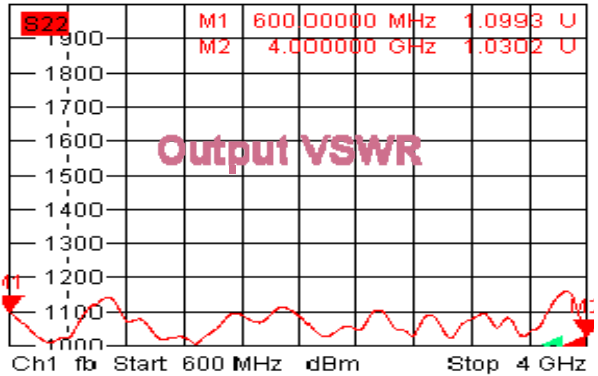
Trc2 Mem6[Trc2] **S21** Phase 8° / Ref0° Cal Math Invisible



Trc3 Mem8[Trc3] **S21** dB Mag 0.5 dB / Ref -13 dB Cal



Trc4 Mem7[Trc4] **S22** SWR 100 mU/ Ref1 U Cal Invis

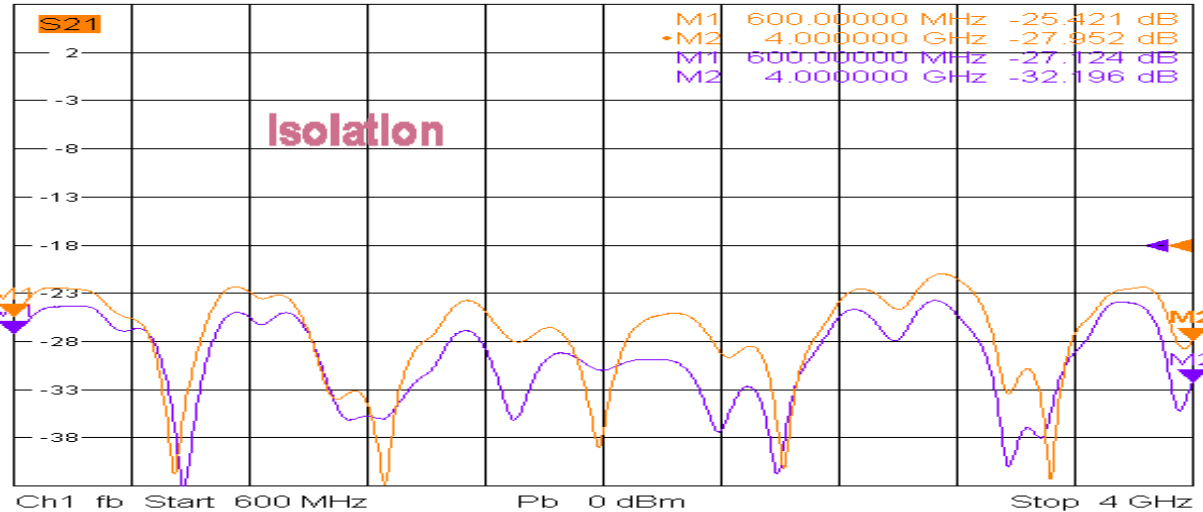


8/6/2019, 2:41 AM

2. Insertion Loss



Trc3 Mem8[Trc3] **S21** dB Mag 5 dB / Ref -18 dB Cal 3 (Max)



8/6/2019, 2:42 AM

