

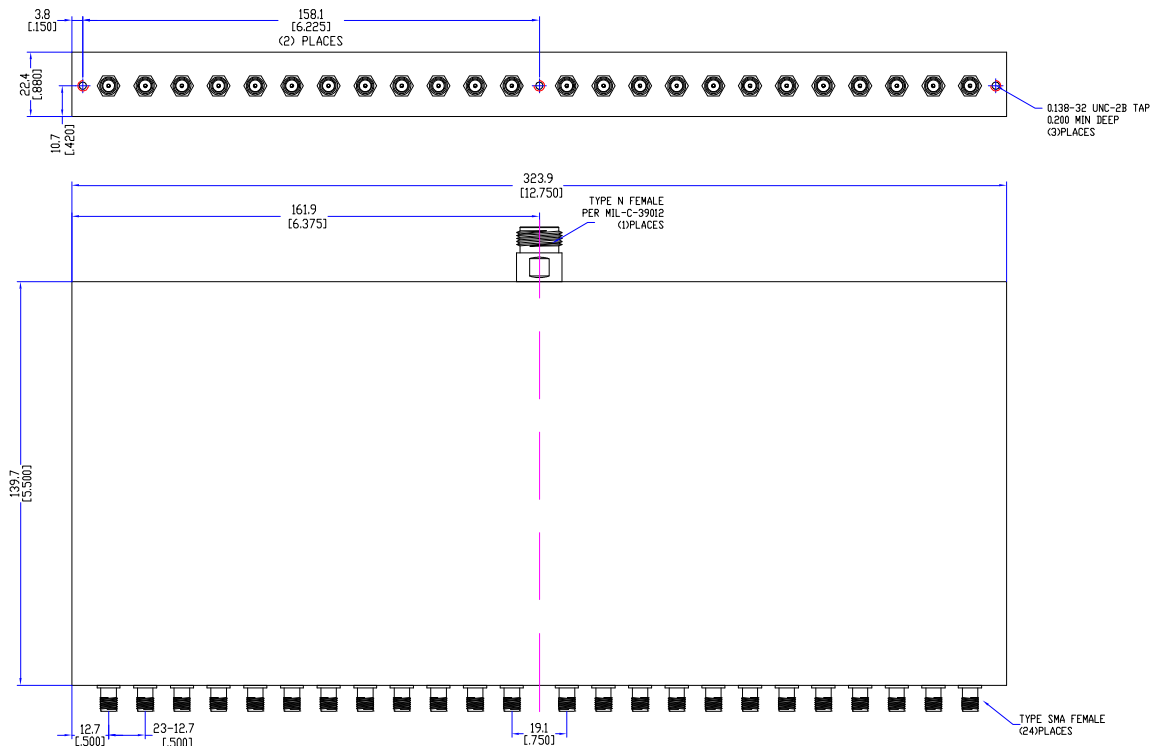
Model TPD0624A24

Features

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

Technical Data Sheet			
Frequency Range	0.6~2.4GHz	Finish	Natural oxygen
Insertion Loss	≤2.0dB (Above 13.80dB 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	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.45dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±7°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤50Watt; Reversed ≤5Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	1790g
Port Connectors	Input: SMA-Female Output: N-Female		

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

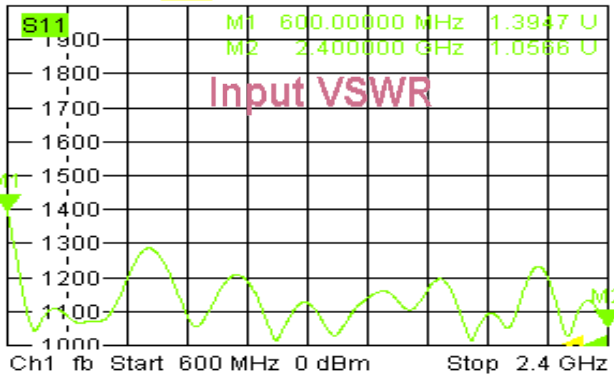


Typical Performance

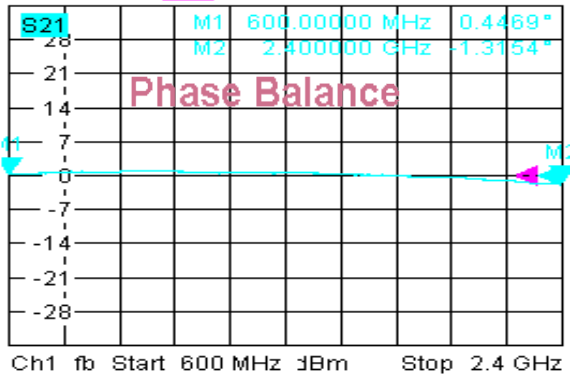
1. Insertion Loss, Amplitude & Phase Balance, VSWR



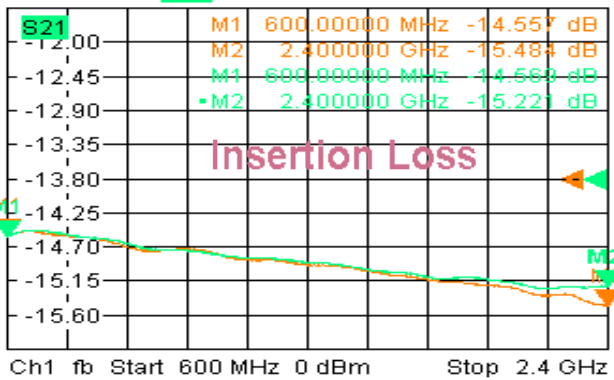
Trc1 **S11** SWR 100 mU/ Ref 1 U Cal
 Mem5[Trc1] **S11** SWR 100 mU/ Ref 1 U Invisib



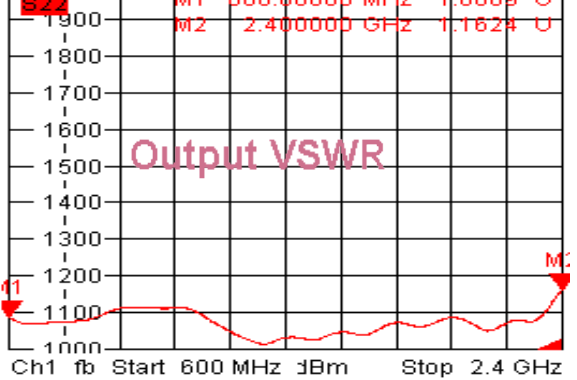
Trc2 **S21** Phase 7° / Ref 0° Cal Mat
 Mem6[Trc2] **S21** Phase 7° / Ref 0° Invisibl



Trc3 **S21** dB Mag 0.45 dB / Ref -13.8 dB
 Mem7[Trc3] **S21** dB Mag 0.45 dB / Ref -13.8 dB



Trc4 **S22** SWR 100 mU/ Ref 1 U Cal 4

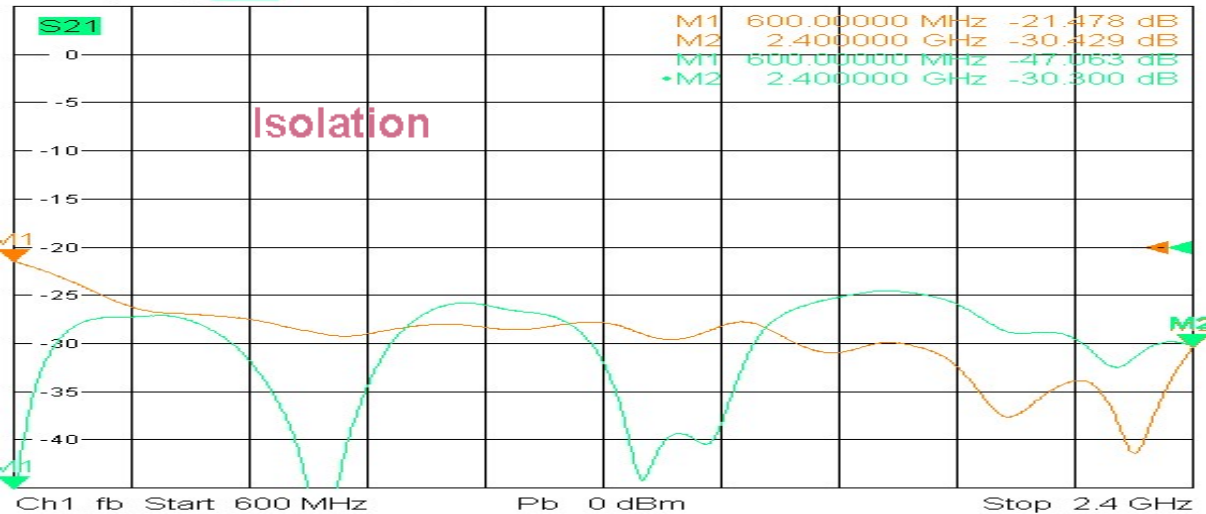


6/5/2019, 3:24 AM

2. Isolation



Trc3 **S21** dB Mag 5 dB / Ref -20 dB Cal
 Mem7[Trc3] **S21** dB Mag 5 dB / Ref -20 dB



6/5/2019, 3:32 AM

