

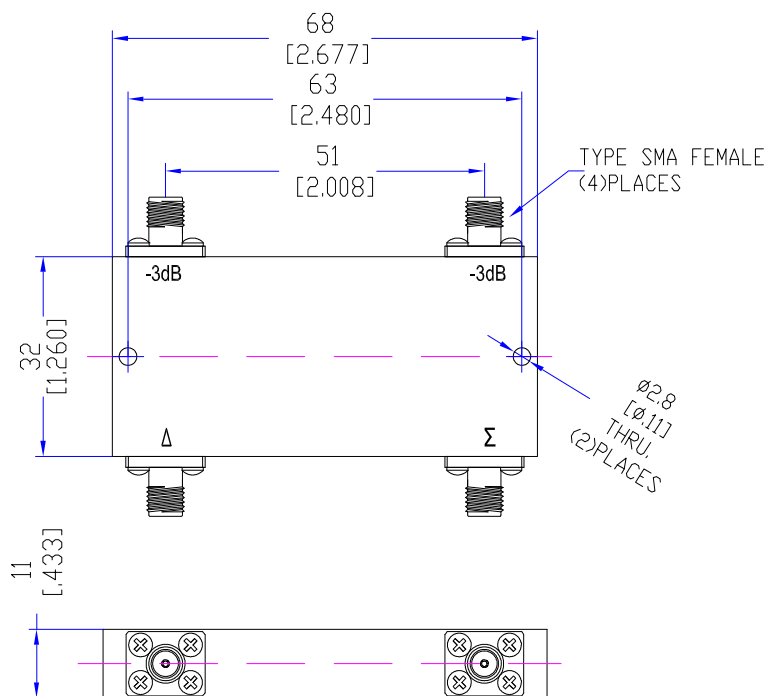
Model THC0912B

Features

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

Technical Data Sheet			
Frequency Range	960~1240MHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤0.4dB	Housing	Aluminum, 6061 T6
Isolation	≥20dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.3dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±2.5°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.25:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤50Watt Peak ≤1KW	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	60g
Port Connectors	SMA-Female		

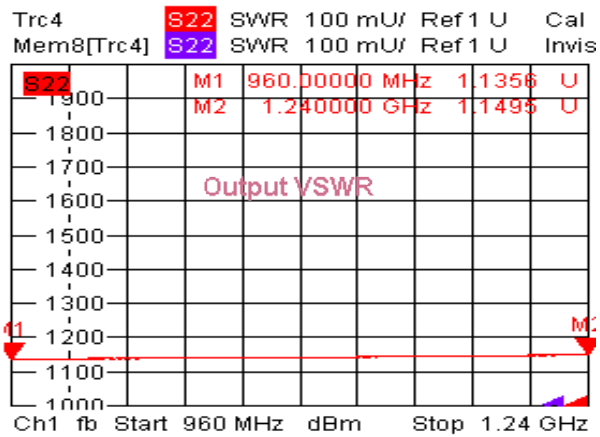
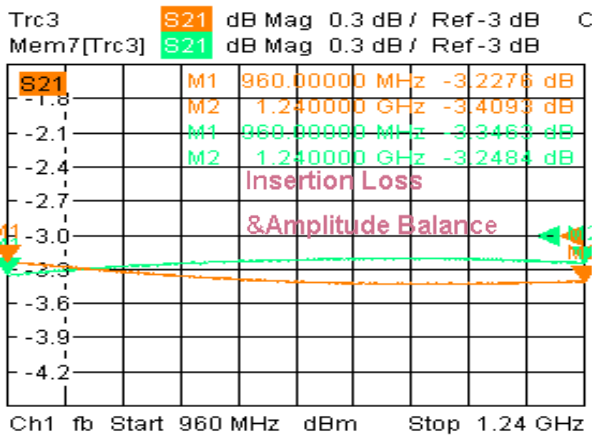
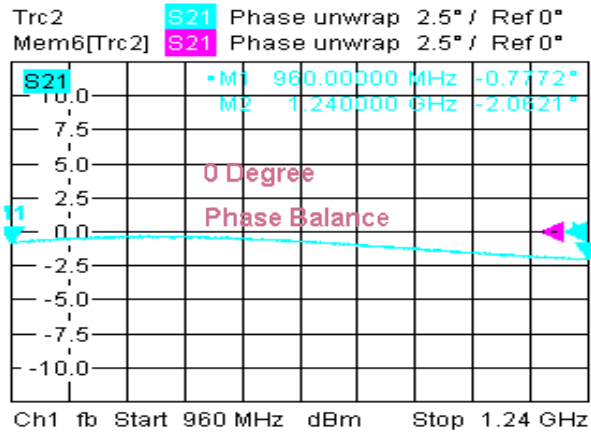
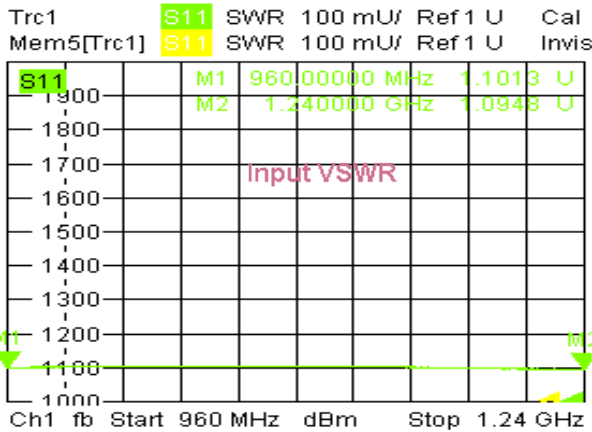
¹Power Handling guaranteed when load's VSWR within 1.50:1.



Typical Performance



1. Insertion Loss, Amplitude & Phase Balance, VSWR_{0°}

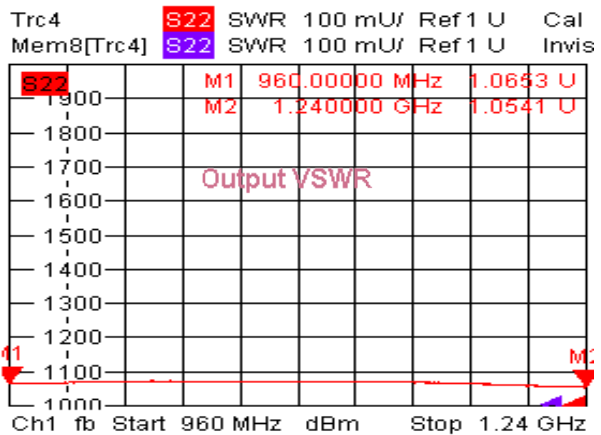
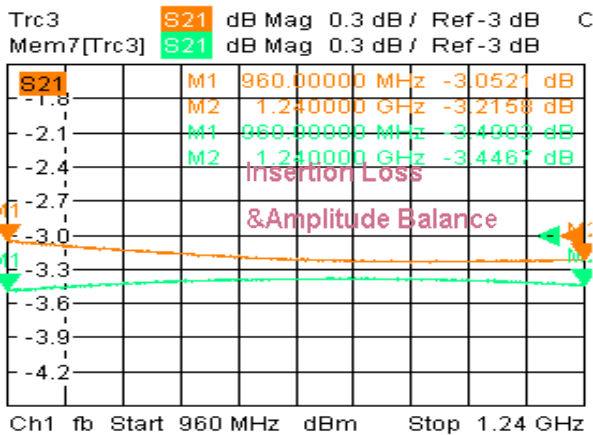
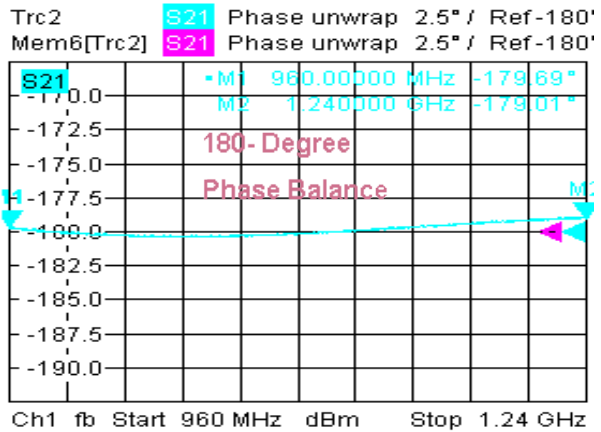
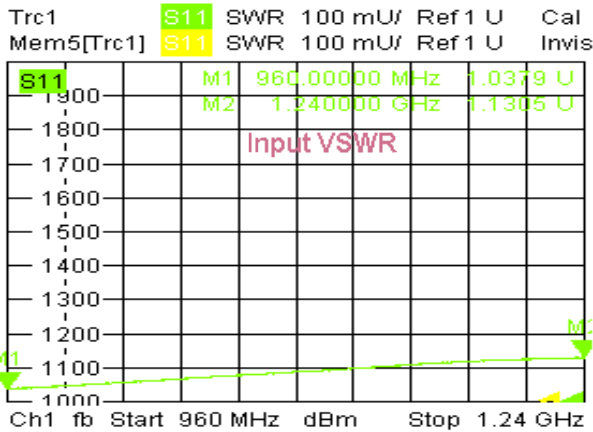


1/21/2021, 3:10 PM

Typical Performance

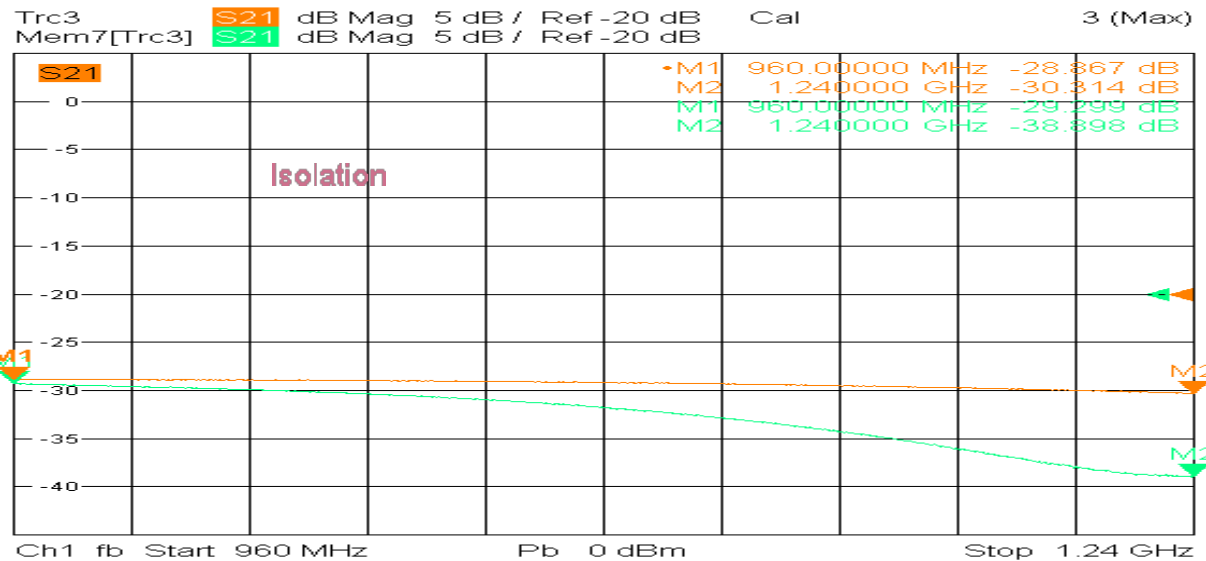


2. Insertion Loss, Amplitude & Phase Balance, VSWR _ 180°



1/21/2021, 3:11 PM

3. Isolation



1/21/2021, 3:12 PM

