

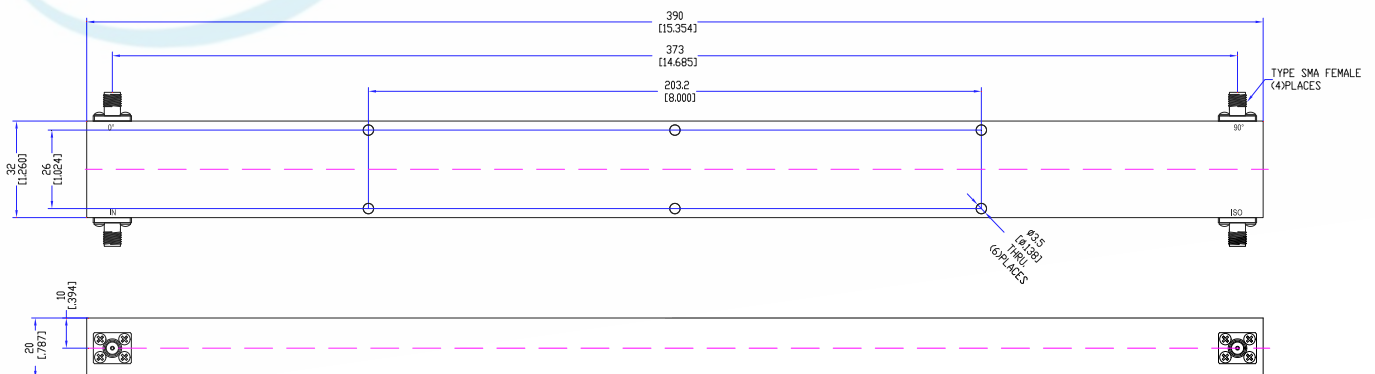
## Model THC0112A

### Features

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

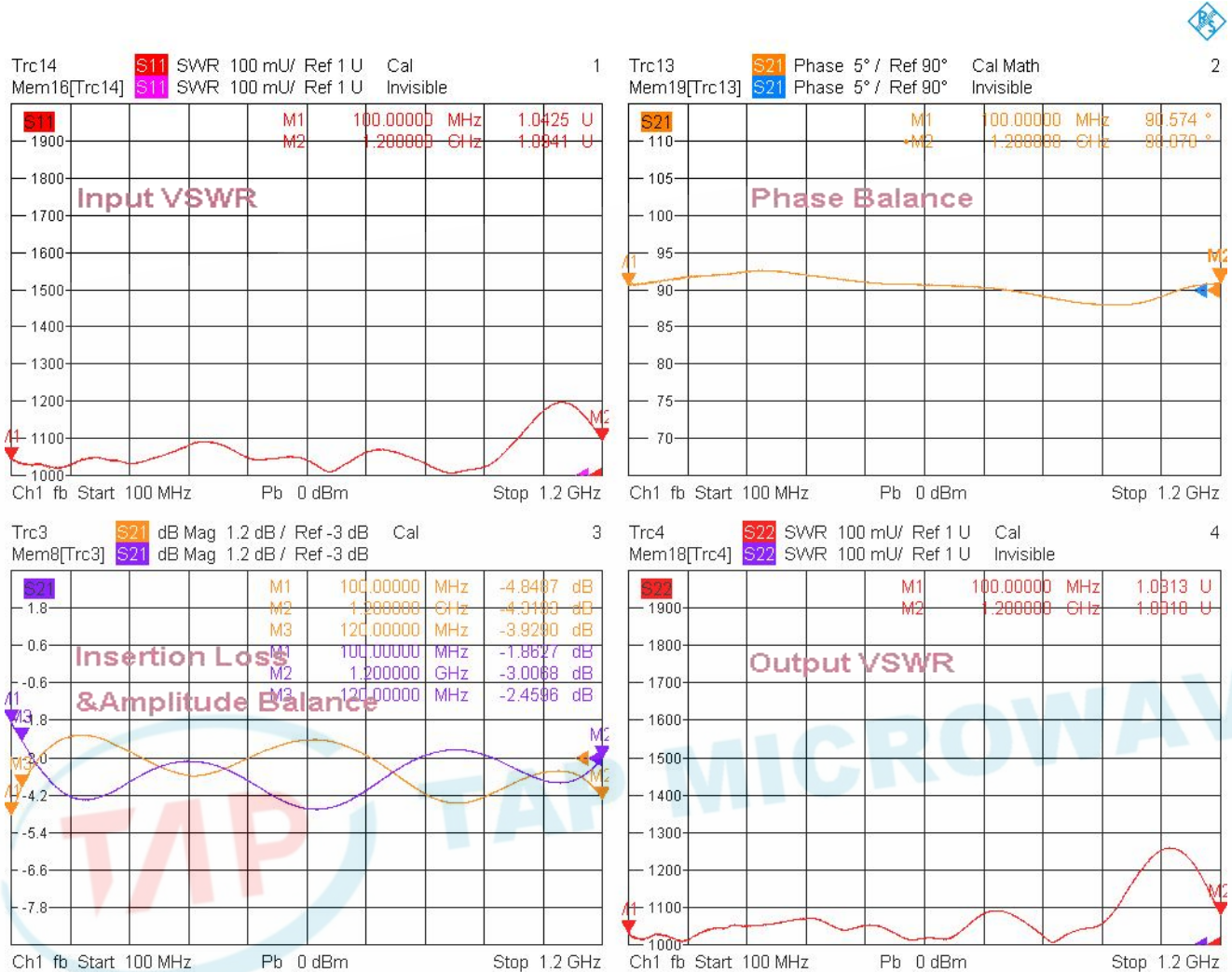
Technical Data Sheet			
Frequency Range	0.1~1.2GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤1.2dB	Housing	Aluminum, 6061 T6
Isolation	≥18dB		Clear Chem Conversion Film
Amplitude Balance	≤±1.6dB@0.1~0.12GHz ≤±1.2dB@0.12~1.0GHz	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±5°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.30:1	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Average ≤50Watt Peak ≤1KW	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	680g
Port Connectors	SMA-Female		

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.50:1.



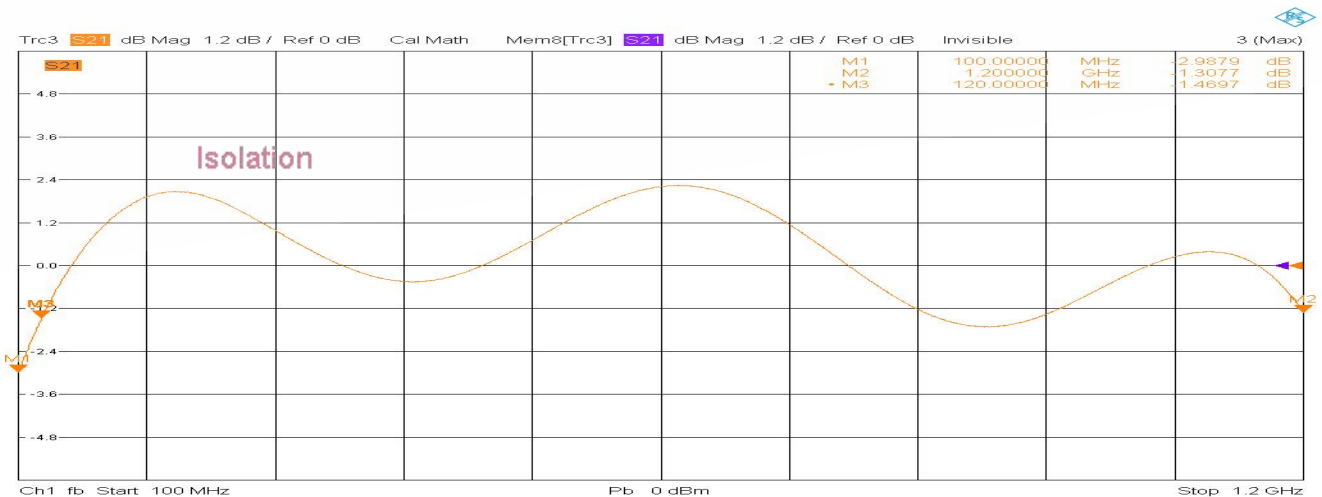
## Typical Performance

### 1. Insertion Loss, Amplitude & Phase Balance, VSWR



1/8/2025, 9:51 AM

### 2. Isolation



1/8/2025, 9:52 AM



**Typical Performance**

