

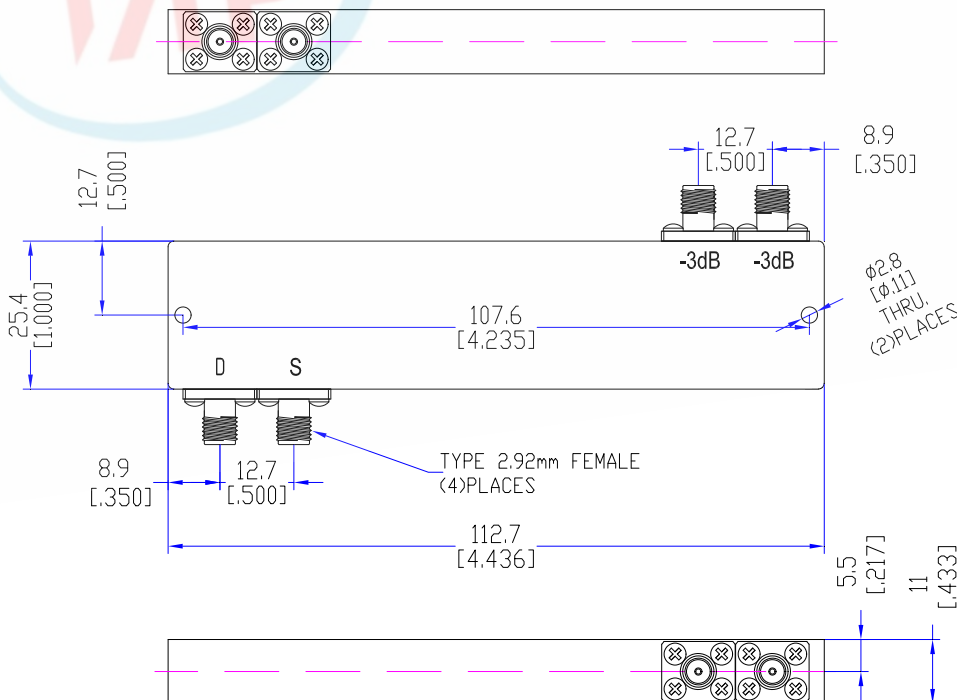
Model THC10180B

Features

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

Technical Data Sheet			
Frequency Range	1~18GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	3.01dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤4.0dB	Housing	Aluminum, 6061 T6
Isolation	≥14dB		Clear Chem Conversion Film
Amplitude Balance	≤±1.8dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±18°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.80:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤20Watt Peak ≤1KW	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	110g
Port Connectors	2.92mm-Female		

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



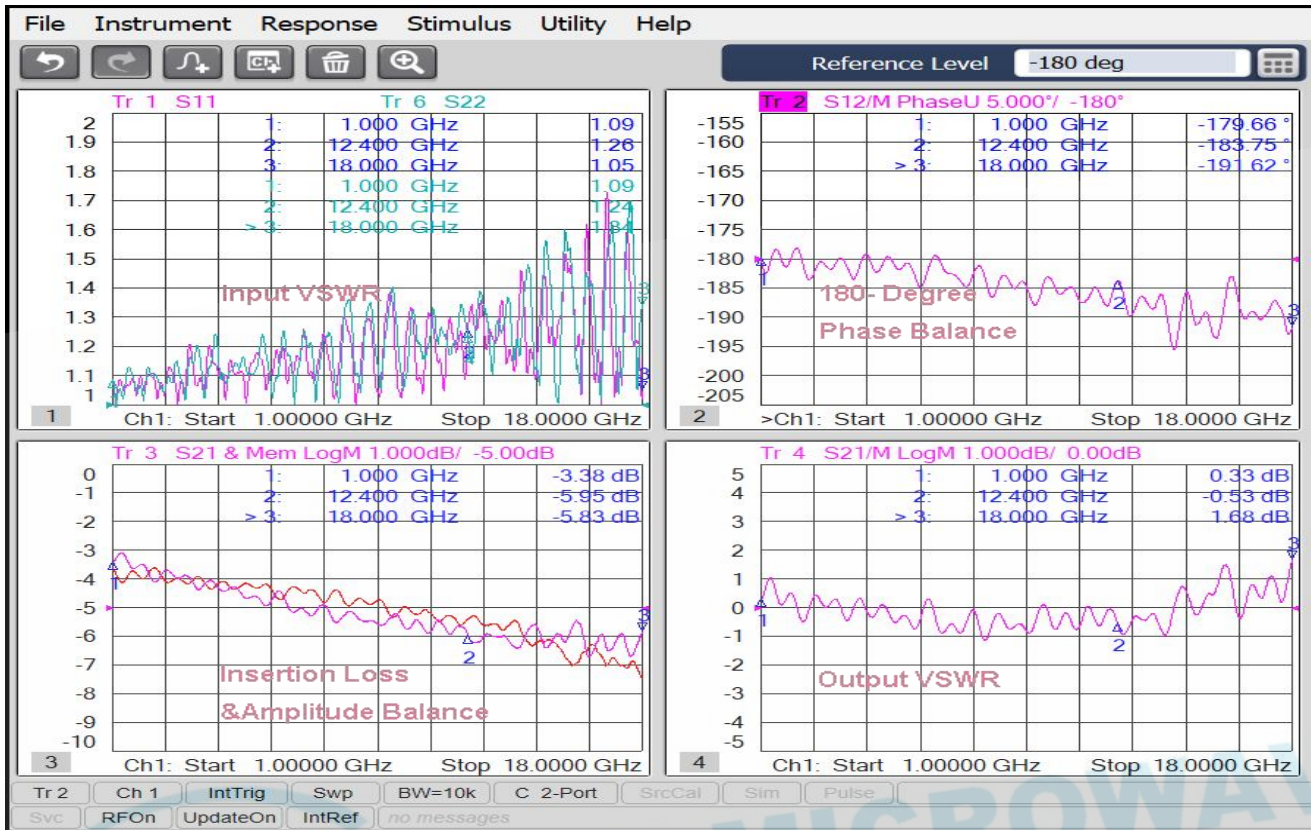
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR $_0^\circ$



Typical Performance

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



3. Isolation

