

Model THC1218U

Features

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

Technical Data Sheet			
Frequency Range	1.2~1.8GHz	Finish	Painted Blue_ RAL #5007
Nominal Split	6.02dB	Connector Body	Passivated Stainless Steel
Insertion Loss	≤1.0dB	Housing	Aluminum, 6061 T6
Isolation	≥21dB		Clear Chem Conversion Film
Amplitude Balance	≤±0.9dB	Connector Pin	Beryllium Copper, Gold Plate
Phase Balance	≤±5°	Solder	Lead Free, RoHS Compliant
VSWR	≤1.40:1	Operating Temperature	-55~+85°C
¹ Power Handling	Average ≤50Watt Peak ≤0.1KW	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	
Port Connectors	SMA-Female		

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

Phase Relationship

A to ELΔ	A to AZΣ	A to ΔQ	A to AZΔ
0°	90°	180°	270°
C to ELΔ	C to AZΣ	C to ΔQ	C to AZΔ
0°	-90°	-180°	-270°

Environmental Parameters

Operating Temperature -55~+85°C

Operating Humidity Up to 90%,Non- Condensing



Outline Drawing

