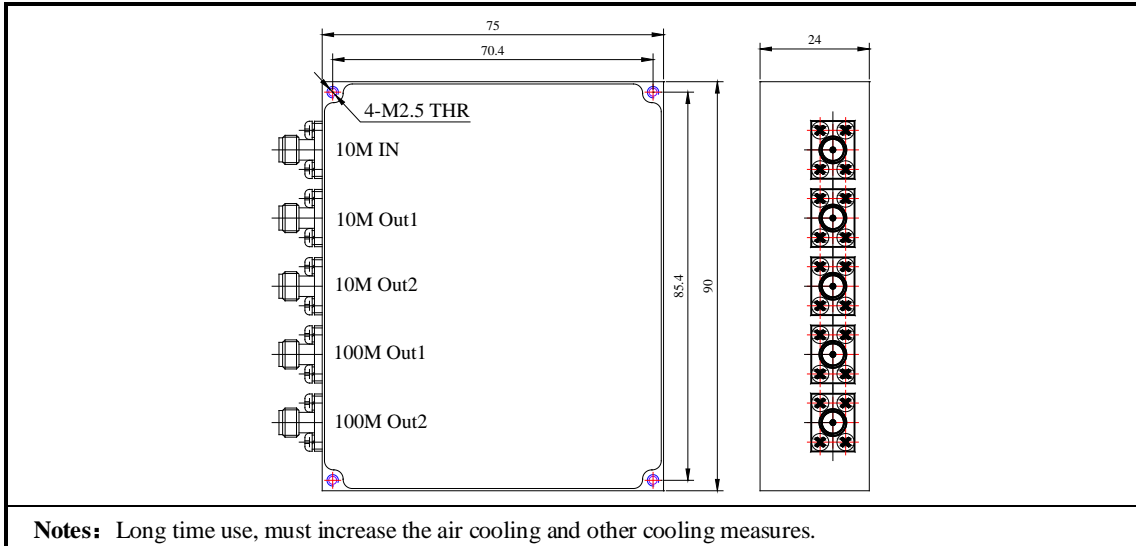


## Ultra Stable Rubidium Atomic Clock



<b>Description:</b>			
1. For time-frequency systems;			
2. Ultra low phase noise;			
3. External frequency self-calibration.			
Input frequency (MHz)	10		
Input level (dBm)	5~10		
Frequency range (MHz)	2 Outputs 10/2 Outputs 100		
Output level (dBm)	≥+7		
Output waveform	Sine		
	Internal OCXO	Internal Rubidium Clock	
Frequency temperature stability	5E-9	1E-10	
Steady	1s	1E-11	1s 1E-11
			100s 8E-12
Aging rate	±5E-10/day		±2.5E-11/day
	±5E-9/Month		±1E-10/ Month
Frequency accuracy	--	5E-11	
Spurious (dBc)	≤-70		
Harmonics (dBc)	≤-20		
Phase Noise		@10MHz	@100MHz
	dBc/Hz@1Hz	-100	-80
	dBc/Hz@10Hz	-130	-98
	dBc/Hz@100Hz	-140	-125
	dBc/Hz@1kHz	-155	-155
	dBc/Hz@10kHz	-160	-160
	dBc/Hz@100kHz	-160	-170
	dBc/Hz@1MHz	-160	-170
Power supply (V/mA)	+12V/2000(Warm up) +12V/850(Steady)		
Connector	RF connector: SMA-KFD Control and power connector: Through capacitance		
Dimensions	6U cPCI/120×70×20mm		
Control	--		
Operating temperature (°C)	-10~+70		
Storage temperature (°C)	-55~+85		



**Notes:** Long time use, must increase the air cooling and other cooling measures.