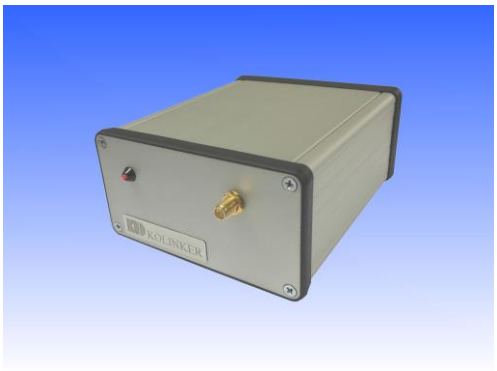
KH1800TR

High Stability 10 MHz Frequency Reference



Features

- SC-Cut high Quality Crystal Based
- Excellent Frequency Stability
- Wide Operation Temperature Range
- 10MHz Sine Wave Output
- SMA Output Connector

Applications

- Precision Frequency Standard
- Test & Measurement Equipment

High Stability OCXO Frequency Reference with Sine Wave Output					
Parameter	**min.**	**typ.**	**max.**	**Unit**	**Condition**
Frequency		10		MHz	
Frequency stability					
Initial tolerance @ +25°C			±300	ppb	
Operating temperature range	-20		70	°C	
Frequency Stability					
vs. operating temperature range			±5	ppb	steady state
vs. supply voltage variation (pushing)			±10	ppb	VS ±5%
vs. load change (pulling)			±10	ppb	RL ±10%
Long term (aging) per day (after 30 days operation)			±2	ppb	
Long term (aging) 1st year (after 30 days operation)		±50	±200	ppb	
RF output					
Signal waveform		Sine wave			
Load RL		50		Ω	±10%
Output level	3			dBm	
Harmonics			-25	dBc	
Warm-up time @ +25°C		3	5	min	ffinal/f0 < ±0.1 ppm
Supply voltage VS	4.75	5.0	5.25	V	
Current consumption (@ +25°C)			300	mA	steady state
Current consumption (warm-up)			800	mA	
Enclosure (LxWxH)	120	103	53	mm	
Weight (Power Adaptor excluded)		350		g	

** Kit box includes frequency reference box, DC 5V power Adaptor, AC power cord & RF coaxial cable.

Specifications are subject to change without prior notice.
Photo shown is for reference only.

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