

Beat frequency phase lock module

CONTROL ELECTRONICS & MODULES



Products Seed laser Low noise laser amplifier Narrow linewidth laser Ultra-stable laser and frequency stabilization system Optical frequency comb High performance frequency stabilized laser High power UV laser Pulsed laser Device High-precision swept laser Wide-Tunable Continuous-Wave Single-Frequency Infrared Laser Supercontinuum Light Source

- Large Locking Range Support
- Frequency Hopping Automatic Lock

Specifications

Parameter	PrecilBeat
Configuration	Frequency and phase detection module + PID module
Lock Frequency Difference	50 MHz-8 GHz
Locking Adjustment Resolution	1kHz
Reference Input Frequency	100MHz
Reference Signal	Switchable internal and external reference
Analog PID Output Range	±5V
Analog PID Output Bandwidth	500kHz
Error Signal Generation	Digital frequency and phase detection
Frequency Hopping and Automatic Locking	support

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact sales@wavequanta.com.