

Model: HFM-LD05

976 nm fiber-coupled, high-frequency modulated laser module

Key design features include:

- Standard modulation frequency: 2GHz; can be modulated up to 14 GHz.
- Stable output optical power and spectra.
- Single mode fiber coupled
- Built-in temperature controller and laser driver Plug and play

Typical application:

Industrial OEM and laboratory applications requiring narrow line-width laser with high stability.

Specifications:

Description	Min	Typical	Max	Unit
Operating wavelength range		960 - 990		nm
3 dB Modulation bandwidth		2		GHz
Maximum output power - modulated signal output		10	100	mW
Supported modulation bandwidth		NRZ		
Laser spectra width		< 0.1		nm
Output power stability	0.1	0.2	0.5	dB
Wavelength stability	±10	±15	±20	pm
Connector type		FC/APC		
Fiber type		HI1060		um
Operating temperature	10	25	45	°C

Please contact us for standard testing results.