Fiber Coupled Lasers

Detailed Specification

Output Wavelength	400~1200nm
Output Power	Maximum up to5000mW, upon to the wavelength
Beam Mode	TEM_{00}
Operating Mode	CW
Beam Divergence, Full Angle	40mrad
Fiber Type	Single mode fiber, multi mode fiber, or polarization maintaining fiber
Fiber Connector	FC/PC,FC/APC, SMA/SMA905
Power Stability	5% (rms, over 2 hours, T= 25℃)
Polarization, Linear	100:1
Modulation	Analog (10KHz) or TTL modulation (10KHz, 30KHz optional)

OEM Service and Design

[1] 0.1mrad ~ 1.0mrad collimated beam divergence is available upon request.

[2] Ultra-Stability (<1% rms, over 24 hours, 25℃) is available upon request.

[3] Removable fibers is available upon request

[4] 30KHz TTL modulation (0=laser off, 1=laser on) or 10KHz Analog modulation (0~5VDC) is available upon request.

[5] TTL+ (0=laser off, 1=laser on), TTL-(0=laser on, 1=laser off) is available upon request

[6] OEM collimated output beam is available upon request

Reliability

Warm Up Time	<10minutes
Operating Temperature, Case	0℃ ~ 40℃
Storage Temperature	-20℃ ~ 60℃
Expected Operation Lifetime	10000 hours
Warranty	12 months

Note: The Laser could be operated without extra heat sink. Do not restrict air circulation around the device. Also do not place the laser in a thermal insulating material, such as foam plastic. A metal heat is always recommended and it can be used to maximize the performance and life time of the laser. Heat can have an adverse effect on laser diodes, including decreased output power.

Leading-Tech Laser Co.,LTD

Email:sale@leading-techlaser.com Website: www.leading-techlaser.com

Leading-Tech Laser has been the professional manufacturers and original suppliers of DPSS Lasers with top quality, unbeatable prices, prompt delivery and the best technical support and services for the customers all over the world.