



1064nm Infrared Laser-3000mW

APPLICATIONS

Thermal printing
Material Inspection
Scanning Biochemistry
Lidar

FEATURES

Collimated straight beam
Adjustable focus
Easy use & maintenance free
Longlife operation
High efficiency
High reliability



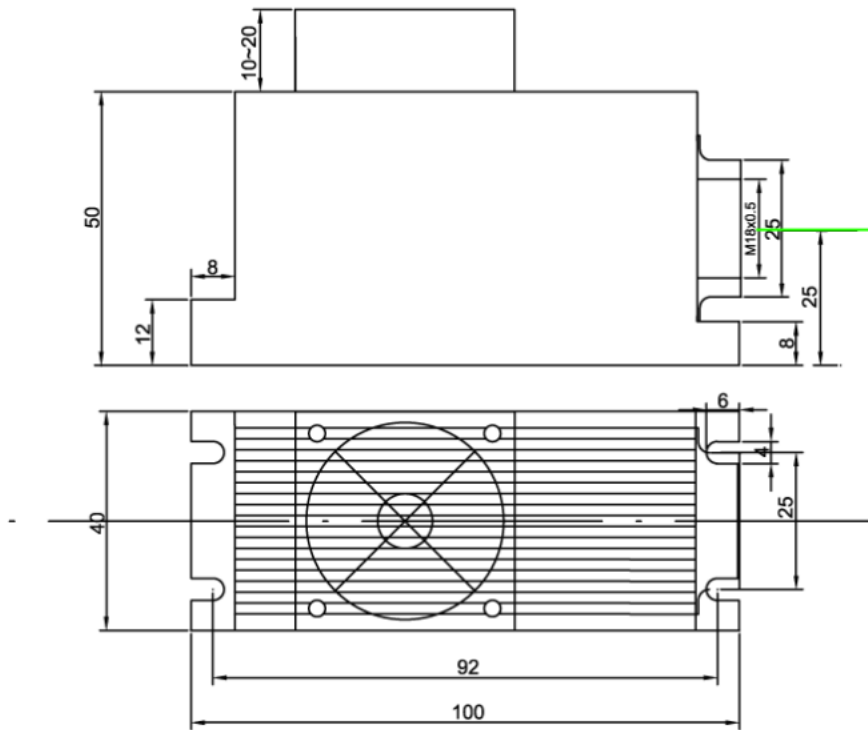
This is diode laser. Comparing to DPSS 1064nm laser. The advantages are lower price, higher power stability, smaller size, higher electric-optical converse efficiency. The dis-advantages are worse beam quality, larger linewidth, larger wavelength tolerance.

Specifications

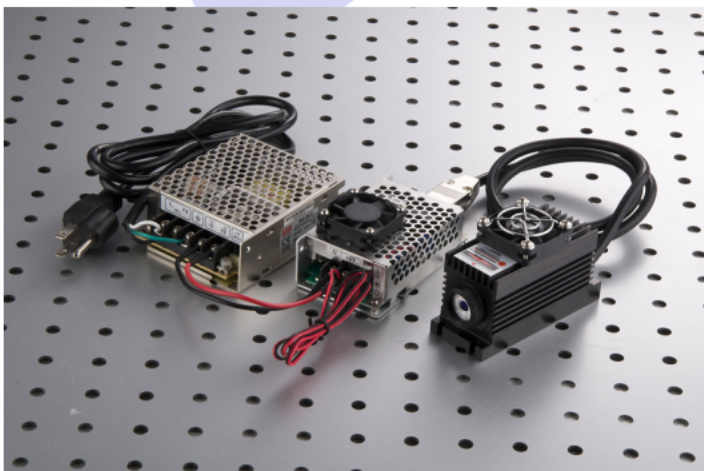
Model No.	BDT-M1064-500-3000MW
Wavelength	1064(+/-20) nm
Linewidth(FWHM)	4nm
Spatial Mode	multimode
Output Power	500, 800,...3000mW
Operation Mode	CW or Modulation
Polarization	10:1
Pointing Stability	<0.05 mrad
Beam Size	5 mm
Beam Divergence	4 mrad
Power Stability*	<±3% per 2 hrs
Beam Height	25mm
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<2
Optimum Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF**	10,000 hrs
Laser head dimensions	100(L)x40(W)x50(H)mm ³
Power Supply	A. OEM type 100(L)x58(W)x32(H)mm ³ 85~265V 50/60Hz input



	<p>B. Lab type</p> <p>104(W)x128(D)x89(H)mm³</p> <p>85~265V 50/60Hz input</p>
	<p>C. Lab Adjustable type</p> <p>179(W)x148(D)x56(H)mm³</p> <p>85~265V 50/60Hz input</p>
Modulation	0~30khz Analog or TTL



A. OEM type power supply





B. Lab type power supply



C. Lab Adjustable power supply

