



Shenzhen Fuzhe Technology Co.,Ltd.

Add:C209,Yuanzheng,Bantian,Longgang District,Shenzhen,Guangdong,China.518129

Tel:+86 755 84528255 Email: kf178@163.com www.fulaser.com

5000-8000mW 1064nm Infrared Laser

FEATURES

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

APPLICATIONS

Thermal printing
Material Inspection
Scanning Biochemistry
Lidar

Specifications

Model No.	FU1064AD5W-F100(5000mW) FU1064AD6W-F100(6000mW) FU1064AD7W-F100(7000mW) FU1064AD8W-F100(8000mW)
Wavelength	1064(+/-20) nm
Spatial Mode	multimode
Output Power	5000mW, 6000mW, 7000mW, 8000mW
Operation Mode	CW or Modulation
Polarization	10:1
Pointing Stability	<0.05 mrad
Beam Diameter(1/e ²)	5mm
Beam Divergence	5mrad
Power Stability*	<±3% per 2 hrs
Beam Height	29mm
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<2
Optimum Operating	20~30°C
Storage Temperature	10~50°C
MTTF**	10,000 hrs
Laser head dimensions	155(L)x77(W)x60(H)mm3
Power supply	178(W)x197(D)x84(H) mm3 85~265V 50/60Hz input
Modulation	0~30khz Analog or TTL

