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200-300mW 1650nm 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.	FU1650AD200-F100(200mW) FU1650AD300-F100(300mW)
Wavelength	1650(+/-40) nm
Spatial Mode	TEM00
Output Power	200mW , 300mW
Operation Mode	CW or Modulation
Polarization	10:1
Pointing Stability	<0.05 mrad
Beam Spot Shape	Circular, aspect ratio<1.1:1
Beam Divergence	1 mrad
Power Stability*	<±3% per 2 hrs
Beam Diameter(1/e2)	3mm
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<1.2
Optimum Operating	20~30°C
Storage Temperature	10~50°C
MTTF**	10,000 hrs
Laser head dimensions	100(L)x40(W)x50(H)mm3
Power supply	179(W)x148(D)x56(H)mm3 85~265V 50/60Hz input
Modulation	0~30khz Analog or TTL

Adjustable power supply FU-PS-II

