

100-1500mW 1470nm 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.	FU1470AD100-F100(100mW) FU1470AD200-F100(200mW) FU1470AD500-F100(500mW) FU1470AD1W-F100(1000mW) FU1470AD1W5-F100(1500mW)
Wavelength	1470(+/-5) nm
Spatial Mode	Multimode
Output Power	100mW, 200mW, 500mW, 1000mW, 1500mW
Operation Mode	CW or Modulation
Polarization	10:1
Pointing Stability	<0.05 mrad
Beam Size	6 mm
Beam Divergence	2.5 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	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

