

100-800mW 457nm Blue 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.	FU457AD100-F100(100mW) FU457AD200-F100(200mW) FU457AD300-F100(300mW) FU457AD400-F100(400mW) FU457AD500-F100(500mW) FU457AD800-F100(800mW)
Wavelength	457±2 nm
Spectral linewidth(FWHM)	2nm
Spatial Mode	Multi-mode
Output Power	100mW, 200mW, 300mW, 400mW, 500mW, 800mW
Operation Mode	CW or Modulation
Beam size	2x4mm
Beam Divergence	3x0.5mrad
Power Stability*	<±5% per 2 hrs
Beam Height	25mm
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Operating Temperature	20~30°C
Storage Temperature	10~50°C
MTTF	10,000 hrs
Laser head dimensions	100(L)x40(W)x50(H)mm3 Not include fan
Power supply	179(W)x148(D)x56(H)mm3 85~265V 50/60Hz input
Modulation	0~30khz Analog or TTL

