

4000-10000mW 940nm 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.	FU940AD4W-F100(4000mW) FU940AD5W-F100(5000mW) FU940AD6W-F100(6000mW) FU940AD7W-F100(7000mW) FU940AD8W-F100(8000mW) FU940AD10W-
Wavelength	940(+/-5) nm
Spatial Mode	multimode
Output Power	4000mW, 5000mW, 6000mW, 7000mW, 8000mW, 10000mW
Operation Mode	CW or Modulation
Polarization	10:01
Pointing Stability	<0.05 mrad
Beam Diameter(1/e ²)	6 mm
Beam Divergence	2.5 mrad
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

