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# 1000-4000mW 808nm Infrared Laser

## FEATURES

Miniature size
Collimated straight beam
Adjustible focuse
Easy use & maintenance free
Longlife operation
High efficiency
High reliability

## APPLICATIONS

Thermal printing
Material Inspection
Scanning Biochemistry
Lidar

## Specifications

| | |
|---|---|
| Model No. | FU808AD1W-F100(1000mW) FU808AD2W-F100(2000mW) FU808AD3W-F100(3000mW) FU808AD4W-F100(4000mW) |
| Wavelength | 808(+/-5) nm |
| Spatial Mode | multimode |
| Output Power | 1000mW, 2000mW, 3000mW, 4000mW |
| Operation Mode | CW or Modulation |
| Polarization | 10:1 |
| Pointing Stability | <0.05 mrad |
| Beam Size | 5 mm |
| Beam Divergence | 3 mrad |
| Power Stability* | <±3% per 2 hrs |
| Beam Height | 25mm |
| Temperature Stabilizing | TEC |
| Warm Up Time | <5 minutes |
| Beam Quality ($M^2$) | <2 |
| Operating Temperature | 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 |

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