

## 400-700mW 532nm Green 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.               | FU532AD400-F100(400mW) FU532AD500-F100(500mW)<br>FU532AD600-F100(600mW) FU532AD700-F100(700mW) |
| Wavelength              | 532(+/-1) nm                                                                                   |
| Spatial Mode            | near TEM00                                                                                     |
| Output Power            | 400mW, 500mW, 600mW, 700mW                                                                     |
| Operation Mode          | CW or Modulation                                                                               |
| Pointing Stability      | <0.05 mrad                                                                                     |
| Beam Diameter(1/e2)     | <2.5 mm                                                                                        |
| Beam Divergence         | <1.5 mrad                                                                                      |
| Power Stability*        | <±5% per 2 hrs                                                                                 |
| Beam Height             | 25mm                                                                                           |
| Temperature Stabilizing | TEC                                                                                            |
| Warm Up Time            | <5 minutes                                                                                     |
| Residual IR (946,       | <0.01%                                                                                         |
| 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                                                                          |

