

50W 450nm 105 μ m Fiber Coupled Power Diode Laser (GK-450050105S)

● Specifications

| Optical Parameters | Unit | Minimum | Typical | Maximum |
|-------------------------|---------|---------|---------|-------------------|
| Output Power | W | | 50 | |
| Center Wavelength | nm | | 450 | |
| 95% Power NA | | | 0.19 | |
| Fiber Parameters | | | | |
| Core Diameter | μ m | 102 | 105 | 108 |
| Numerical Aperture | | 0.20 | 0.22 | 0.24 |
| Pigtail Length | m | 1.5 | 2.0 | |
| Connector | | SMA905 | | |
| Fiber Parameters | | | | |
| Operating Current | A | | | 2.5 |
| Operating Voltage | V | | | 50 \times 2/100 |
| Conversion Efficiency | % | | 22 | |

