

Product Name: G-Laser

Product description:

Fiber Laser with Very low bore sight,
 Circular beam, Low divergence, protected
 Against high power laser reflections.

Applications: High Precision Alinement,
 High power Laser resonator alinement.

Datasheet date: 13.06.2025



SPECIFICATIONS/ESPECIFICACIONES

OPTICAL:

| | |
|---------------------|-----------------|
| Wavelength | 405 to 1060 nm |
| Optical Power | <1 to 100 mW |
| Operations mode | CW or modulated |
| Bore sight | < 10 mrd |
| Laser Product Class | 1-4 |
| Clear aperture | Up to 6mm |

ELECTRICAL:

| | |
|----------------------------|--|
| Operating Voltage | 4 to 6Vdc. (12V or 24V with ext. regulation) |
| Operation Current | Depend Laser diode (Power and Wavelength) |
| Operation modes | CW and modulated up to 10KHz |
| Power stability | <0,5% Variation under constant temperature |
| Reserve Voltage protection | Build in |

ENVIRONMENTAL:

| | |
|----------------|--------------|
| Operation Temp | 0 to 50°C |
| Storage Temp. | -20°C to 60° |
| Warm up | < 1 sec. |
| MTTF | >5.000 hrs. |

MECHANICAL:

| | |
|------------------|---------------------|
| Connector | Binder 3 way |
| Dimensions | D15mmx55 + D30x80mm |
| Housing Material | Inox |
| Tracebilty | Serial number |

