

HIGH POWER LASER MODULE WITH FIBER OUTPUT

ALC-4WL-10000-01-FM200.22-Quinta

Features

- Compact size
- Detachable 200 μ m SMA-fiber
- Thermistor
- Power monitor
- Fiber sensor

Applications

- Medical



Specifications

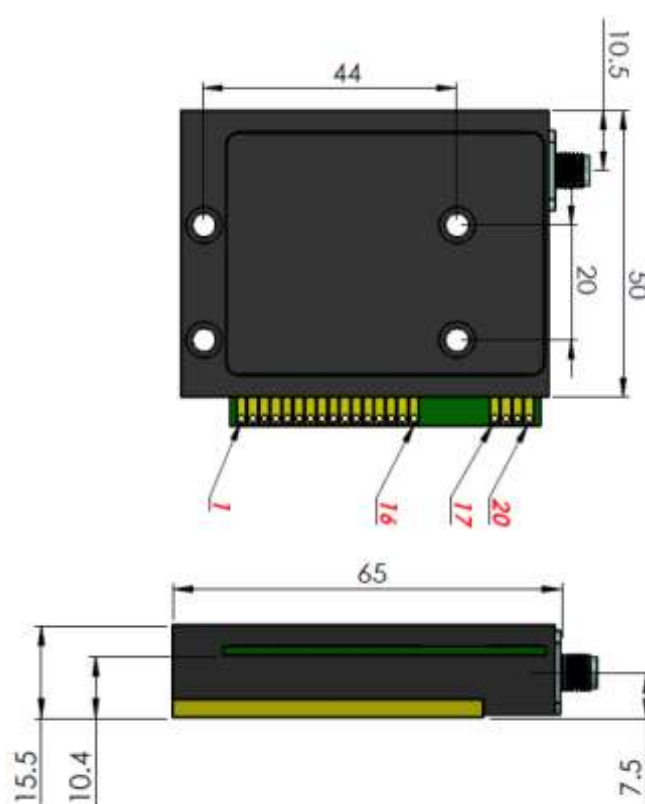
Optical Parameters	Units				
Center Wavelength	nm	808	915	980	1064
Wavelength Tolerance	nm	± 5	± 5	± 5	± 10
Spectral Width (FWHM)	nm	3	3	3	3
Wavelength Temp. Coefficient	nm/ $^{\circ}$ C	0.3	0.3	0.3	0.3
Output Power	W	10	10	10	10
Operating Current	A	10	12	12	16.5
Operating Voltage	V	<2.4	<2.5	<2.5	<2
Threshold Current	A	1.1	0.55	0.55	1.1

Fiber Parameters

Fiber Core Diameter	μ m	200
Numerical Aperture		0.22
Fiber Connector		SMA-905

Pin-Out

1. Red pointer (+)
2. Red pointer (-)
3. Power monitor (+)
4. Laser Diode 808nm Anode
5. Laser Diode 808nm Cathode
6. Laser Diode 915nm Anode
7. Laser Diode 915nm Cathode
8. Laser Diode 980nm Anode
9. Thermistor
10. Thermistor
11. Not connected
12. Not connected
13. Power monitor (-)
14. Laser Diode 980nm Cathode
15. Laser Diode 1064nm Anode
16. Lased Diode 1064nm Cathode
17. Fiber sensor
18. Fiber sensor
19. Fiber sensor
20. Fiber sensor



These components do not comply with the Federal Regulations (21 CFR Subchapter 1) as administered by the Center for Devices and Radiological health.

Purchaser acknowledges that his/her products must comply with these regulations before they can be sold.

Akela laser Corporation reserves right to change any specifications.