



Narrow Linewidth 532nm Laser

Key Features:

- Fiber Coupled Output
- Up to 50mW Output
- Low Power Consumption
- Narrow Spectral Bandwidth<0.1nm

Applications:

- Sensing
- Bio-Medical
- Raman Spectrometer

Model Number	RLAS-532	
Optical Parameters	Photop Specs	
Peak Wavelength	532.2±0.3nm	
Output Power	≤50mW	
Power Stability (Over 2 hours, 25°C)	<±2%	
Operating Temperature (case)	10-40 deg C	
Spectral Line Width (FWHM)	<0.1nm	
Noise (10Hz to 1GHz,RMS)	<0.2%	
Warm-Up Time	<1min	
Electrical Parameters		
Working Mode	APC	
LD Working Voltage	<2.1V	
LD Working Current	<700mA	
Internal TEC	Voltage	<4.8V
	Current	<2.5A
Thermal Resistance	8.30-12.11KOhm	
Fiber Parameters		
Fiber Type	105/125um Multimode Fiber	
Fiber Numerical Aperture	0.22	
Fiber Connector	FC/APC or to be Customized	
Other Parameters		
Storage Temperature	-40 to +85 deg C	
Expected Lifetime	>10000hrs	

Note: Temperature controlled should be optimized within the specifications' requirements.

Order Information:

RLAS— 532— PPP — LL — JJ — TT

PPP: Output Power from Fiber	050=050mW
LL: Fiber Length	05=0.5M
	10=1M
	15=1.5M
	20=2M
	00= To be Customized
JJ: Fiber Jacket (diameter)	01= 900μm Black Buffer
	02=2.8mm PVC Jacket
	00= To be Customized
TT: Fiber Termination	01=No Connector
	02= FC/APC Connector
	00= To be Customized

Mechanical Drawing (Unit:mm)

