

## Multi-mode Fiber Coupled Green Diode Laser



**Key Features:**

- High Reliability
- Mini Size
- High Stability
- Wide Operating Temperature

**Applications:**

- Laser Aiming
- Raman Spectrometer
- Biomedical Instrumentation
- Digital Printing

Model Number		FGMM-100	FGMM-200
<b>Optical Parameters</b>			
Wavelength		532+/-1nm	
Output Power from Fiber		100mW	200mW
Power Stability	APC, over two hours @ constant temp	<+/-5%	
	APC, over operating temperature	<+/-20%	
Operating Temperature (Case)		5~45 deg C (Grade A) 10~40 deg C (Grade B)	
Residual IR		<0.5%	
<b>Electrical Parameters</b>			
Laser Operating Mode		APC	
LD Working Current		<1400mA	<1600mA
LD Working Voltage		<2.5V	
Photo Diode		320~1250μA	640~2500μA
<b>Fiber Parameters</b>			
Fiber Type		62.5/125μm MM Fiber	
Fiber Numerical Aperture		0.275 ± 0.015	
<b>Mechanical Parameters</b>			
Laser Dimensions	Length	46 mm	
	Diameter	15 mm	
<b>Reliability</b>			
Operating Humidity		5%~85% R.H.	
Storage Temperature		-40 to +85 deg C	
Expected Lifetime (MTTF)		>5000hrs	

### Order Information:

FGMM— G — PPP — LL — JJ — TT

G: Operating Temperature (Case) Grade	A=5~45°C
	B=10~40°C
	C= To be Customized
PPP: Output Power from Fiber	100=100mW
	200=200mW
	000= To be Customized
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

