



MGL-F-532-SM



SM FIBER OUTPUT LASER

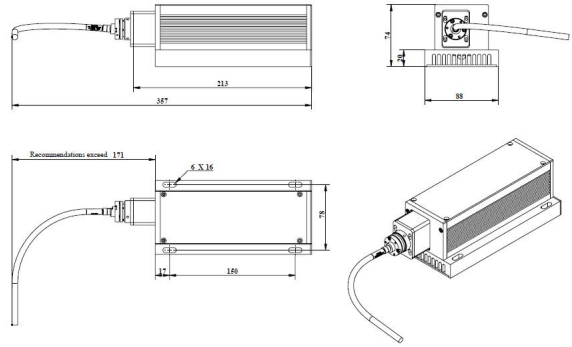
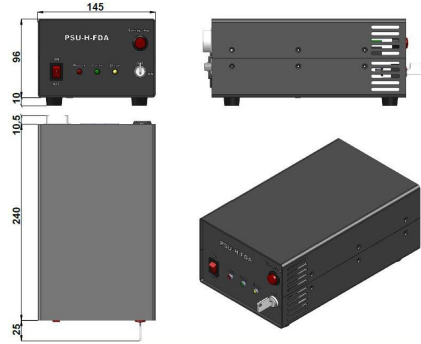
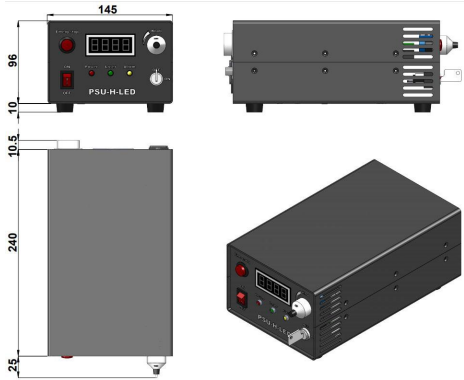
CNI has a long experience in the delivery of fiber coupled laser light sources providing high efficiency and long term stability. All laser types can be offered with appropriate fiber coupling systems. This type is specifically designed for single-mode fiber(include PM) coupling with high power stability and long term stability.



SPECIFICATIONS

Part number	MGL-F-532-SM
Wavelength (nm)	532±1
Operating mode	CW
Output power (mW) ¹	400-700
Power Stability (rms, 4 hours ± 3°C)	<3%, <2%, (<1% optional)
Transverse mode	TEM ₀₀ (single mode fiber output)
M ²	<1.1
Polarization (optional)	>50:1 after PM fiber
Fiber core diameter	3.5um, 0.10NA
Fiber connector	FC/APC
Fiber length ²	1m
Fiber Jacket	PVC, Metal optional
Warm-up time (minutes)	<10
Cooled method	Air Cooled (Water Cooled optional)
Operating temperature (°C)	10-30
Power supply (100-240VAC)	PSU-H-FDA/PSU-H-LED
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	> 10000



LASER HEAD	POWER SUPPLY (PSU-H-FDA) ³
 357 (L) × 88 (W) × 74 (H) mm³, 1.972 kg	 275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg
POWER SUPPLY (PSU-H-LED) ⁴	
 275.5 (L) × 145 (W) × 106 (H) mm³, 2.5 kg	

1 Any power level can be selected in this range.

2 Other lengths are available on request.

3 Fixed output power.

4 Output power adjustable 10-100%.