



MLL-K-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.

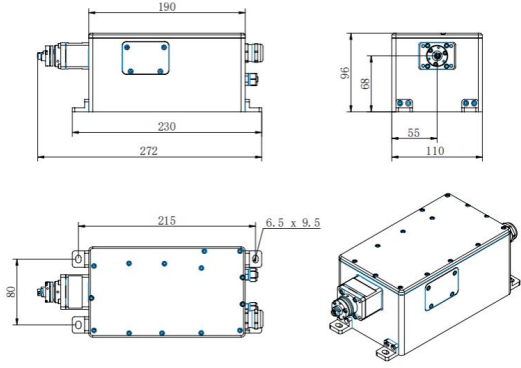
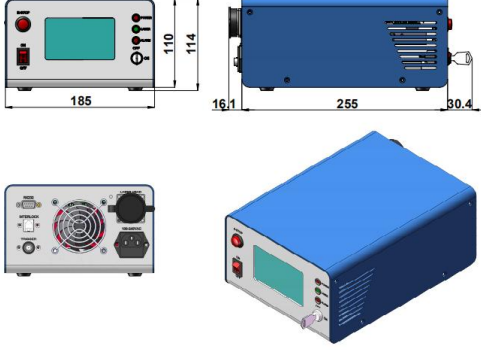
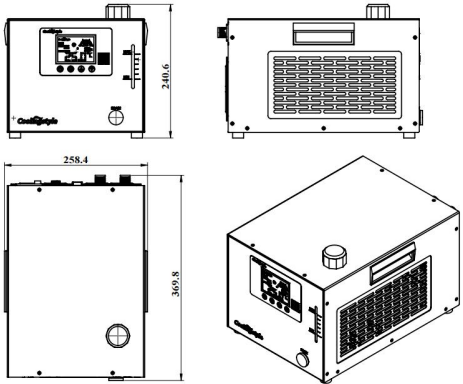


SPECIFICATIONS

Wavelength (nm)	532±1
Operating mode	CW
Output power (W) ¹	1-8
Power Stability (rms, 4 hours ± 3°C)	<2%<1%, (<0.5%optional)
Transverse mode	TEM ₀₀ (single mode fiber output)
M ²	<1.1
Polarization ratio (optional)	>50:1 after PM fiber
Noise of amplitude (rms, 20Hz-20MHz)	<0.2%
Fiber type	SM fiber (PM fiber optional)
Fiber core diameter	10um,0.10NA
Fiber connector	FC/APC
Fiber length ²	1m
Fiber Jacket	Metal
Warm-up time (minutes)	<10
Cooled method	Water Cooled
Operating temperature (°C)	10-30
Power supply (100-240VAC)	PSU-W-LED
Modulation option	DC-1kHz, 1kHz-10kHz, 10kHz-30kHz optional; TTL and Analog optional
Expected lifetime (hours)	> 10000

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LASER HEAD	POWER SUPPLY	WATER CHILLER (WCH-580)
 272 (L) × 110 (W) × 96 (H) mm³, 3.56 kg	 301.5 (L) × 185 (W) × 114 (H) mm³, 3.0 kg	 369.8 (L) × 258.4 (W) × 240.6 (H) mm³, 10.5 kg

1 Any power level can be selected in this range.

2 Other lengths are available on request.