



LASERMATE GROUP, INC.

The Friend of Lasers

Model No. FLCM-1080-XZ

1080nm HIGH POWER ALL FIBER CW INFRARED LASER UP TO ~20W

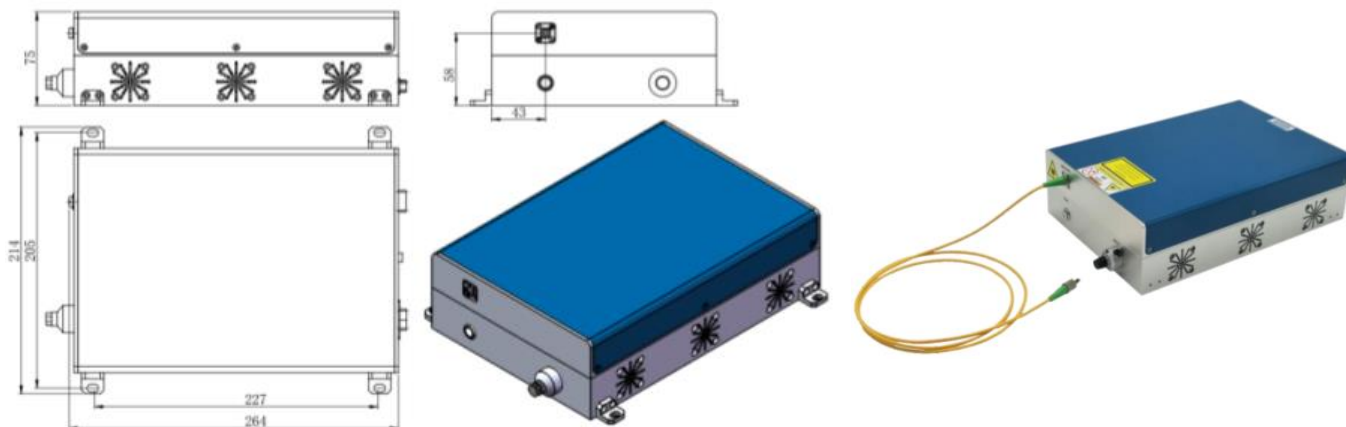
The FLCM-series 1080nm high power all fiber CW laser is constructed with features of ultra-compact design, long lifetime, low cost and easy operation. It is commonly used in laser radar, life science, material processing, microelectronics, scientific research and many other applications.

SPECIFICATIONS

Model No.	FLCM-1080-XZ	
Wavelength (nm)	1080±2	
Operating mode	CW or Modulated (≤50KHz)	
Output power (W)	~3 (X=3W), ~5 (X=5W), ~10 (X=10W), ~15 (X=15W), ~20 (X=20W)	
Power stability (rms, over 4 hours)	<3% (Z=E), <1% (Z=D)	
Delivery fiber length (m)	2-5	
Output fiber termination	Collimator	
M² factor	<1.5	
Beam diameter (mm)	4±1	
Polarization state	Random or >15dB	
Warm-up time (minutes)	<15	
Operating temperature (°C)	15-35	
Laser	Dimensions	264(L) x214(W) x75(H) mm ³
	Weight	3.0 kg
Power supply	220V AC	
Expected lifetime (hours)	10,000	
Warranty	10 months	

Note: The above specifications are subject to change without notice.

MECHANICAL OUTLINE (unit: mm)



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