



Model No. FLPM-1550-N1-XZF

1550nm HIGH FREQUENCY INFRARED FIBER PULSED LASER SYSTEM UP TO ~1000mW

The FLPM-series 1550nm high frequency all fiber pulsed laser is constructed with features of high output power stability, good beam profile, ultra-compact design, long lifetime, low cost and easy operation. It is commonly used in laser radar, laser ranging, telemetry, 3D scanning, medical cosmetology, holography, spectrum analysis, scientific experiment, optical instrument, interference, security and many other applications.

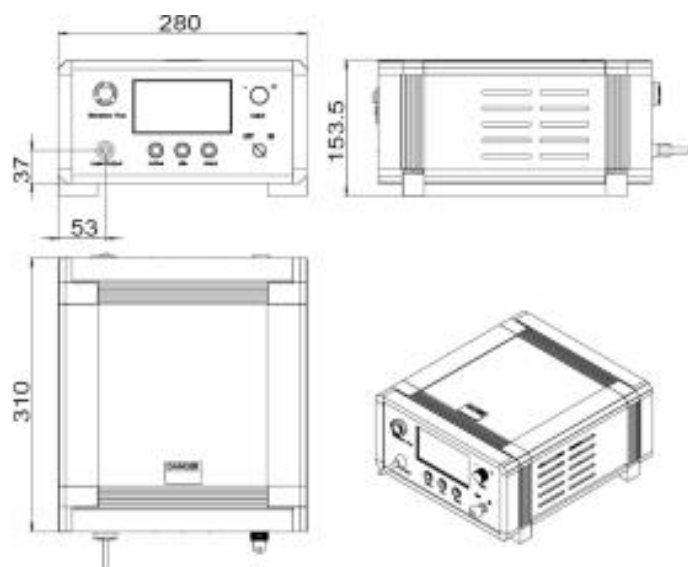
SPECIFICATIONS

Model No.	FLPM-1550-N1-XZF
Wavelength (nm)	1550±1
Operating mode	Pulsed
Output power (mW)	~500@1MHz (X=500), ~1000@1MHz (X=1W)
Pulse width (ns)	One fixed value between 0.5-5ns
Power stability (rms, over 4 hours)	<3% (Z=E), <2% (Z=2)
Repetition frequency (KHz)	50-1000
Transverse mode	TEM00
M² factor	<1.5
Polarization ratio	Random / >15dB
Warm-up time (minutes)	<15
Operating temperature (°C)	15-35
Laser	281(L) x309(W) x152.5(H) mm ³ ; 5.5 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)

FLPM-1550-N1-XZF



Front Panel



Back Panel



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