



FPYL-1342-XXXT

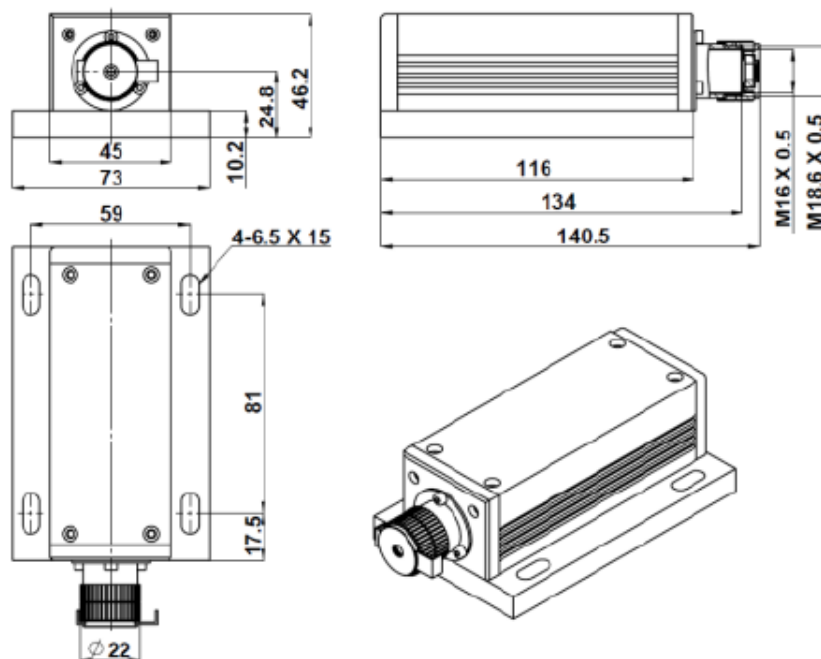
IR DPSS Laser

Specifications

Wavelength (nm)	1342±1
Output Power (mW)	1 - 500*
Transverse Mode	TEM ₀₀
Operating Mode	CW
Power Stability (RMS, over 4 hours)	<1%, <2%, <3%, 5%*
Warm-up Time (minutes)	<10
M ² Factor	<1.2
Beam Divergence (full angle) (mrad)	<1.5
Beam Diameter at the Aperture (1/e ²) (mm)	~1.5
Beam Height from Base Plate (mm)	24.8
Polarization Ratio	>100:1
Pointing Stability after Warm-up (mrad)	<0.05
Operating Temperature (°C)	10 - 35
Modulation	TTL/Analogue (Optional)
Expected Lifetime (hours)	10000

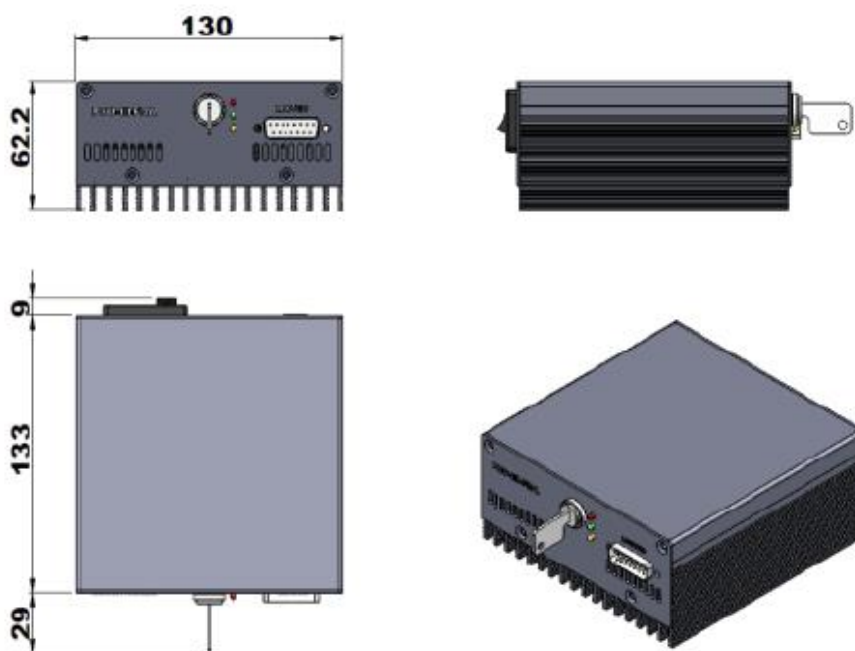
* To be specified

Laser Head Drawing



140.5 (L) × 73 (W) × 46.2 (H) mm³, 0.6kg

Power Supply Drawing



133 (L) × 130(W) × 62.2 (H) mm³, 1.2kg