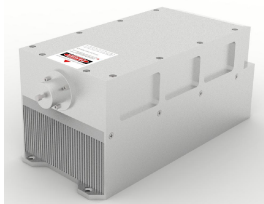




MDL-XN-7400-DFB/1~15mW



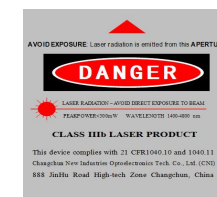
INFRARED QCL DIODE LASER
AT 7400nm

It features ultra compact design, long lifetime, cost-effectiveness and easy operation. They are used in measurement, communication, spectrum analysis, etc.

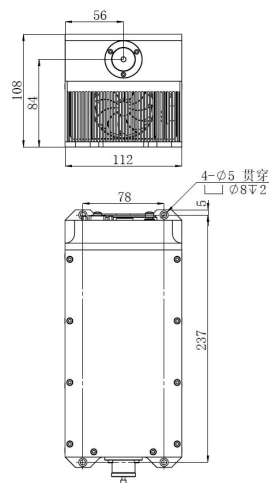


SPECIFICATIONS

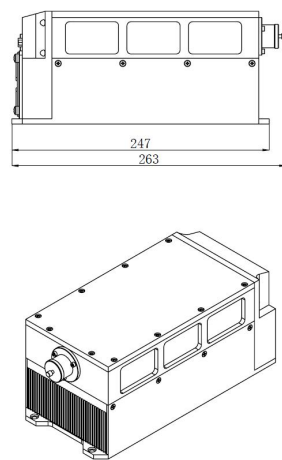
Central wavelength (um)	7.40±0.1
Spectral linewidth (MHz)	<50
Side-Mode Suppression Ratio(dB)	>25
Operating mode	CW
Output power (mW)	>1, 5, 10, ... ,15
Power stability (rms, over 4 hours)	<3%, <2%, <1%
Transverse mode	Near TEM00
Dimensions of beam at the aperture (mm)	<3
Beam divergence, full angle (mrad)	<5.0
Warm-up time (minutes)	<10
Beam height from base plate (mm)	84
Operating temperature (℃)	20~35
Power supply (100-240VAC)	PSU-H-LED
Modulation @ internal trigger	TTL 1Hz-1kHz
Expected lifetime (hours)	10000
Warranty	1 year



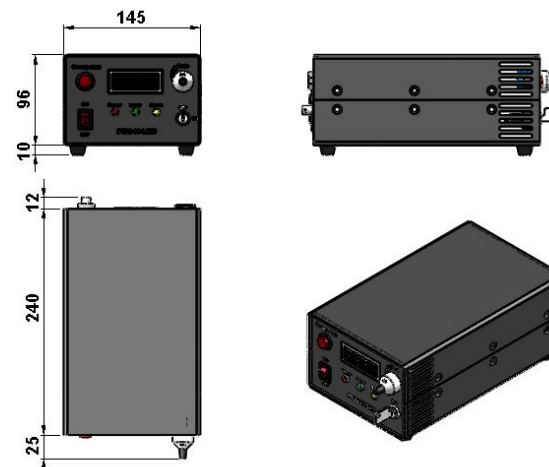
MDL-XN-7400



263 (L) × 112 (W) × 108 (H) mm³, 3kg



PSU-H-LED



277 (L) × 145 (W) × 106 (H) mm³, 2.3kg