

MDL-III-P-1550/1~30mW


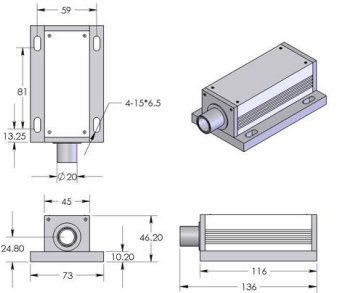

INFRARED DIODE LASER AT 1550nm

Infrared diode laser at 1550nm is made features of pulse operation, high peak power, long lifetime, low cost and easy operating, which is widely used in laser distance measurement, etc.

SPECIFICATIONS

Wavelength (nm)	1550±5
Operating mode	Modulation(pulse)
Output power (mW)	1~30
Single pulse energy (μJ)	5 (@6kHz)
Pulse duration (ns)	~150 (@6kHz)
Peak power (W)	~35 (@6kHz)
Rep. rate (Hz)	1~20k
Warm-up time (minutes)	<10
Beam divergence, full angle (mrad)	<16 (@30mW,6kHz)
Beam diameter at the aperture (mm)	~4×5 (@30mW,6kHz)
Beam height from base plate (mm)	24.8
Operating temperature (°C)	15~35
Power supply (220/110VAC)	PSU-III-FDA
Expected lifetime (hours)	10000
Warranty period	1 year



MDL-III-P-1550	Dimensions	PSU-III-FDA	Dimensions
 <p>136(L)×73(W)×46.2(H) mm³, 0.6kg</p>		 <p>133 (L) × 130(W) × 65 (H) mm³, 1.2kg</p>	