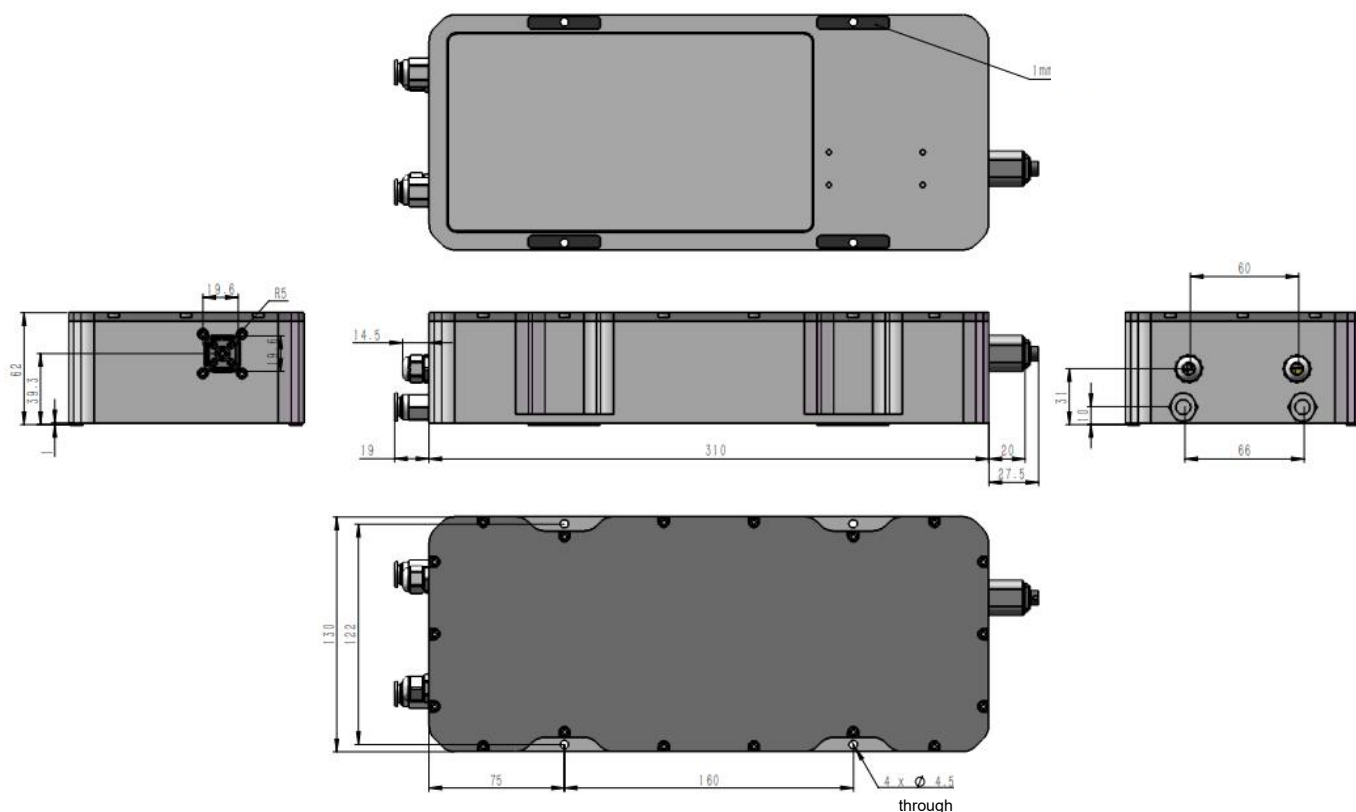




- **DPSS Laser**
- **577nm Yellow**
- **50µm fiber coupled**
- **Fast Rise Time**

Dimensions (Unit: mm)



Specifications				
Model Number		Y577D3000-356x130x62-50FC		
Mechanical Specifications		Min	Typ	Max
Laser Head	Width x Height (mm)	-	130X62	-
	Length (mm)	-	-	356
	Weight (kg)	-	-	3
Optical Specifications		Min	Typ	Max
Wavelength (nm)		574	577	580
Output Power (mW) after Fiber		2400	3000	-
Power Stability at Const. Temperature ⁽¹⁾		-	1%	3%
Output Power Mode		CW		
Laser Class		4		
Micro-pulse Width (μs)		50	-	1000
Micro-pulse Interval (ms)		1	-	10
Long-pulse Width (ms)		10	-	3000
Long-pulse Interval (ms)		10	-	3000
Indicating Optical Power(mW)		0.5	-	3
Indicating Optical Wavelength(nm)		630	-	660
Residual IR		-	-	3%
Fiber Specifications		Min	Typ	Max
Fiber	Core Diameter(μm)	-	50	-
	NA	-	0.22	-
	Length(m)	-	2.5	-
	Connector	SMA905		
Electrical Specifications		Min	Typ	Max
Power Type		ACC		
Voltage (DC, V)		23	24	25
Operating Current (mA)		-	5,000	6,000
Power Consumption (W) at 25°C		-	120	150
Control		RS-232 serial port		

⁽¹⁾ after warm-up time (RMS)

Reliability	Min	Typ	Max
Operating Water Temperature (°C)	-	23	-
Warm-up Time (mins)	-	3	5
Storage Temperature (°C)	0	-	40
Environmental Humidity (RH, %)	5	-	85
Lifetime (hours) (MTTF at 25°C)	10,000	-	-
RoHS Compliance Declaration	Yes		
Remarks			
• Product ID for placing orders:Y577D3000-356x130x62-50FC • Datasheet Version: 1 • Power supply is included • No water chiller,customer is responsible for preparing • Fiber (see picture 1) • Example of beam spot (see picture2)			

Picture 1



Picture 2

