

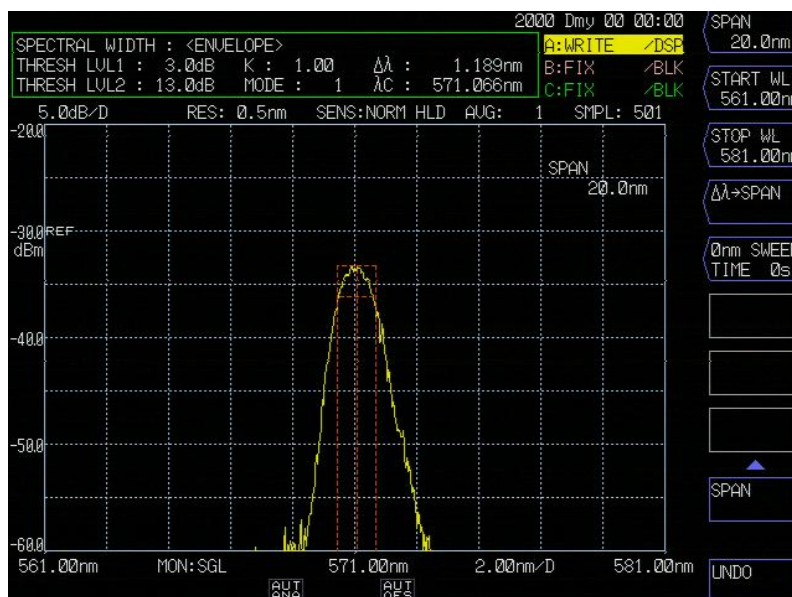
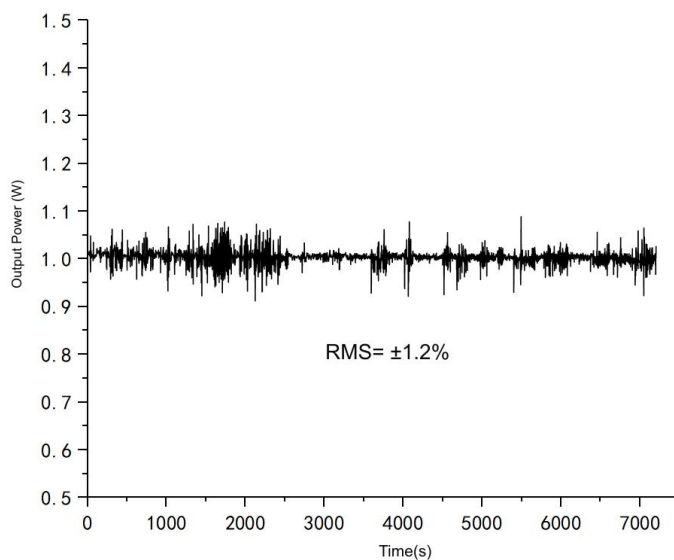
Yellow 571nm Solid-state Laser



Y571D1000-210x160x66-MMF

Applications

- . Laser Medical Treatment
- . Scientific Experiment
- . Optical Instrument
- . Laser Projector
- . 545nm, 555nm, 589nm optional



Specifications				
Model Number		Y571D1000-210x160x66-MMF		
Mechanical Specifications		Min	Typ	Max
Laser Head	Width x Length(mm)	-	210x160	-
	Height (mm)	-	66	-
	Weight (g)	-	-	2000
Housing Material		Aluminium		
Optical Specifications		Min	Typ	Max
Wavelength (nm)		569	571	573
Output Power (mW) ⁽¹⁾		900	1000	-
FWHM(nm)		1	1.2	1.5
Power Stability at const. Temperature(RMS) ⁽¹⁾		-	1%	2%
Power Stability at const. Temperature(pk-pk) ⁽²⁾		-	4%	-
Output Power Mode		CW		
Laser Class		4		
Fiber	Core Diameter(μm)	-	200	-
	NA	-	0.22	-
	Length(m)	-	1	-
	Connector	SMA905 ⁽³⁾		
Beam Mode Longitude		Multi		
Polarization Ratio (Linear)		1:1	-	-
Residual IR		-	-	3%
Electrical Specifications		Min	Typ	Max
Power Supply		12VDC		
Power Consumption (W)		-	240	-
Power Supply Size	Width x Height (mm)	-	210x108	-
	Length (mm)	-	280	-
	Weight (g)	-	5000	-
Communication		RS-485		
Operating Ambient Temperature Range (°C)		23	25	35
Warm-up Time (mins) at 1W		-	10	15
Storage Temperature (°C)		0	-	40
Environmental Humidity (RH, %)		5	-	85
Lifetime (hours) (MTTF at 25°C)		5,000	-	-
RoHS Compliance Declaration		Yes		

⁽¹⁾ after max. 10 minutes, RMS

⁽²⁾ after max. 10 minutes, Peak-to-Peak

⁽³⁾ Fiber connector can be customized