

DPSS-1064-H INFRARED LASERS: 1064 nm, 1500~3000 mW



- Compact Size
- Collimated straight beam
- Easy use & maintenance free
- Longlife operation
- High efficiency
- High reliability

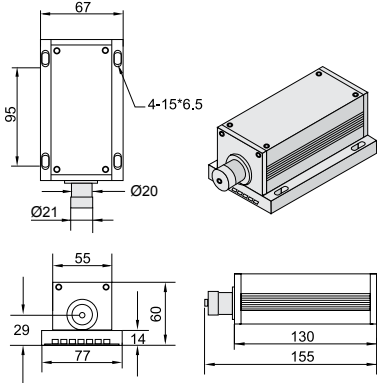
- APPLICATIONS**
- Thermal printing
 - Material Inspection
 - Scanning Biochemistry LIDAR

SPECIFICATIONS

Wavelength	1064 nm
Spatial Mode	Near TEM ₀₀
Output Power	>1600, 1700, ..., 3000 mW
Operation Mode	CW or Modulation
Modulation	0~30 kHz Analog or TTL
Polarization	100 : 1
Beam Spot Shape	Circular, aspect ratio <1.1 : 1
Pointing Stability	<0.05 mrad
Beam Diameter (1/e ²)	<3 mm
Beam Divergence	<2 mrad
Power Stability	<±3% per 2 hrs
Beam Height	29 mm
Temperature Stabilizing	TEC
Warm Up Time	<5 minutes
Beam Quality (M ²)	<2
Optimum Operating Temperature	20~30 °C
Storage Temperature	10~50 °C
Expected Lifetime	10,000 hrs
Laser Head Dimensions	77(W) × 155(L) × 60(H) mm
POWER SUPPLY	
OEM type EO-PS-NI	70(W) × 100(L) × 55(H) mm AC/DC PSU: 85~265 V 50/60 Hz input
Lab type EO-PS-F	238(W) × 146(L) × 94(H) mm 85~265V 50/60 Hz input

ORDERING INFORMATION

Catalogue number	Description
DPSS-1064-H1500	1500 mW
DPSS-1064-H2000	2000 mW
DPSS-1064-H3000	3000 mW
EO-PS-NI	OEM Type power supply
EO-PS-F	Lab Type power supply



DPSS-1064-H

RELATED PRODUCTS

Laser Safety Eyewear
See page 1.16.

Visualizator 990-0840
See page 1.16

POWER SUPPLIES

- OEM power supply EO-PS-NI
- Lab type power supply EO-PS-F



DPSS LASERS