

LP-50L-E

- MOPA Technology
- Large Frequency Range
- High Pulse Energy



TECHNICAL SPECIFICATIONS:

LP-50L-E

Central Wavelength	1064 nm
Nominal Output Power	50 W
Beam Quality	$M^2 < 1.8$
Pulse Frequency Range	1 – 600 kHz
Full Power Frequency	40 – 600 kHz
Maximum Pulse Energy	1.25 mJ @ 40 kHz
Fixed Pulse Width	200 ns
Output Beam Diameter 1/e ²	7 mm
Power Tuning Range	0 – 100 %
Polarization	Random
Anti Reflective Coating	Yes
Average Power Instability	< 5%
Typical Lifetime Diodes	100.000 h

Fiber Length	2 / 3 / 5 m
Cooling Method	Air
Red Pilot Beam	Optional
Adjustable Pulse Width	No
House-Keeping-Function	Optional
Dimensions W*D*H	325*260*75 mm
Weight	Approx. 8.2 kg
Supply DC Voltage (VDC)	24 V
Current Consumption	≤ 10 A
Power Consumption (20°C)	≤ 220 W
Operation Temperature	0 – 40 °C
Storage Temperature	-10 – 60 °C



Manufacturer:

JPT