

Fiber Laser

LP-30S-E

- **MOPA Technology**
- **Brilliant Beam Quality**
- **Large Frequency Range**
- **Very Compact Design**



TECHNICAL SPECIFICATIONS:

LP-30S-E

Central Wavelength	1064 nm
Nominal Output Power	30 W
Beam Quality	$M^2 < 1.5$
Pulse Frequency Range	1 – 600 kHz
Full Power Frequency	37 – 600 kHz
Maximum Pulse Energy	0.8 mJ @ 37 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	245*200*65 mm
Weight	Approx. 4.8 kg
Supply DC Voltage (VDC)	24 V
Current Consumption	≤ 7 A
Power Consumption (20°C)	≤ 150 W
Operation Temperature	0 – 40 °C
Storage Temperature	-10 – 60 °C



Manufacturer:

JPT