

DPSS PS-IR-30-W-AIO

- **All-In-One Design**
- **High Power Stability**
- **Variable Operating Mode**
- **Great Price Performance**



TECHNICAL SPECIFICATIONS:

DPSS PS-IR-30-W-AIO

Central Wavelength	1064 nm	Polarization Ratio	> 100:1
Nominal Output Power	> 30 W @ 400 kHz	Polarization	Horizontal
Beam Quality	$M^2 < 1.3$	Cooling Method	Water
Beam Divergence	≤ 2 mrad	Dimension W*D*H ²	732*412*124
Pulse Frequency Range	Single Pulse – 1 MHz	Weight	46 kg
Pulse Energy	75 μ J @ 400 kHz	Supply DC Voltage (VDC)	24 V
Pulse Width	< 10 ps	Current Consumption	25 A
Output Beam Diameter	1.5 \pm 0.5 mm	Power Consumption	600 W
Beam Roundness	> 85%	Operation Temperature ¹	15 – 35 °C
Pulse-to-Pulse Stability	$\leq 2\%$ RMS	Storage Temperature	-15 – 50 °C
Average Power Stability	$\leq 2\%$ RMS		

¹ Each laser requires individual cooling. The unit specific working temperature is shown on the test protocol



Manufacturer:

JPT