

Amplifiers CA30 / CA40



CA30 - YAG



CA40 - YAG

Features

- ultra-compact DPSS amplifier
- fundamental wavelength 1064 nm
- Peltier-cooled
- high amplification
- easy to integrate
- version CA40 sealed design
- developed for amplification of short pulse laser

Model	CA30 - YAG	CA40 - YAG
Wavelength	1064 nm	1064 nm
Amplification @ 50 µJ, 1kHz Input	20	20
Amplification @ 150 µJ, 5kHz Input	8	8
Input Beam Diameter	350 ... 400 µm	350 ... 400 µm
Angle of Incidence	18,6°	18,6°
Diode Current	0 ... 60 A	0 ... 60 A
TEC Cooling Requirement	120 W	120 W
Dimension	55 mm × 35 mm × 22 mm	70 mm × 40 mm × 28 mm
Power Consumption	300 W	300 W
Operating Temperature	15 ... 35 °C	18 ... 35 °C