DPMO
Diode Pumped and Passively Mode-Locked Laser Oscillator

The new EOS DPMO is a state of the art diode pumped passively mode-locked Nd:YAG laser oscillator mainly for research, LIDAR and challenging ranging application. Due to the diode pumped operation and conductive cooling the laser operates with low electrical power and does not need any additional cooling. The laser is designed to deliver high repetition rate ps pulses in a highly reliable operation without any maintenance.

Features:
- Pico-second pulse width
- Excellent beam quality
- Completely diode pumped
- Completely conductively cooled
Technical Specifications

Central wavelength: 1064 nm
Pulse repetition rate: 50 – 100 MHz
Pulse width: 10 - 30 pico-second
Output power: > 100 mW
Beam quality: M² < 1.25
Divergence: 1 – 3 mR