



„Eye-safe“ 1,54 μm wavelength nanosecond lasers

„KAUKAS HR“



Features:

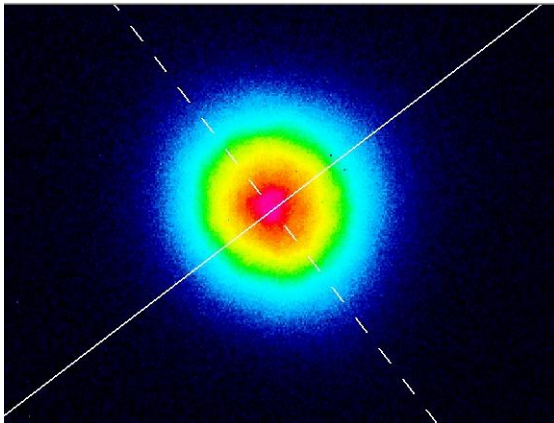
- Compact design
- OEM version available

Applications:

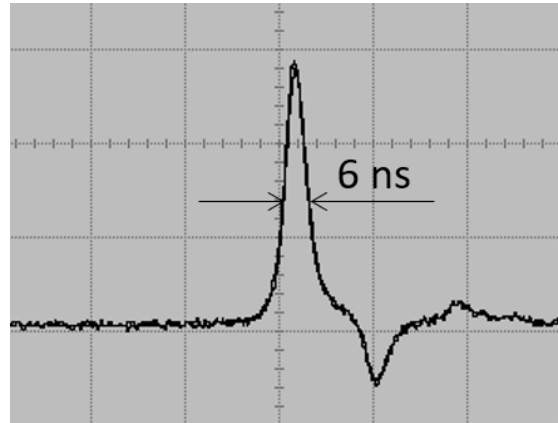
- LIDAR & Laser Ranging
- LIBS
- Metrology and instrumentation
- Automotive



SPECIFICATIONS	
Wavelength	1534 nm
Wavelength tolerance	± 1 nm
Pulse Energy, mJ	$> 30 \mu\text{J}$
Energy stability (4 hr.), @ 500 Hz	$< 2\%$
Pulse duration	< 10 ns
Pulse repetition rate	0,1-1 kHz
Polarization contrast	$> 1:80$
Beam diameter at exit window	< 1 mm
Beam divergence	< 3 mRad
Beam profile	TEM ₀₀
Working temperature	-40 – 70 °C
Laser head dimensions	111 x 34 x 25,5 mm
Laser driver dimensions	110 x 70 x 50 mm
Pump current	< 6 A



Beam profile



Pulse duration, 6 ns

