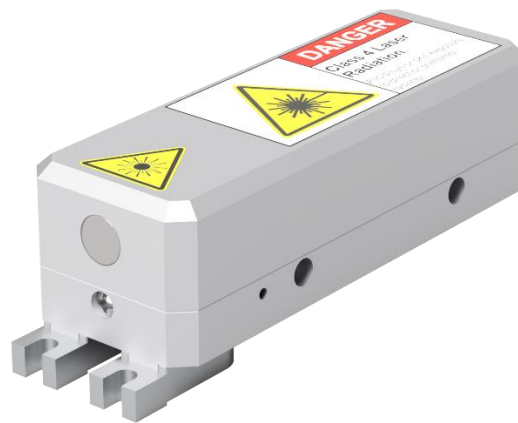




„Eye-safe“ 1,54 μm wavelength nanosecond lasers

„KAUKAS ME-LP“

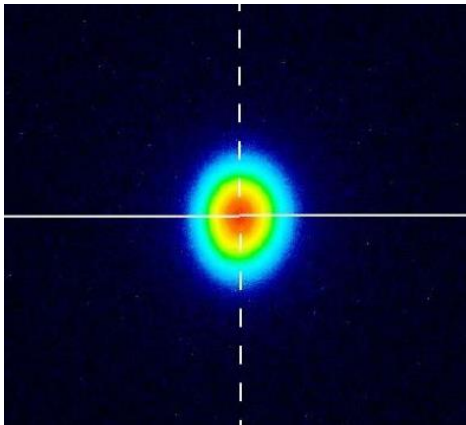


FEATURES:	APPLICATIONS:
Compact design OEM version available	LIDAR & Laser Ranging LIBS Metrology and instrumentation Automotive

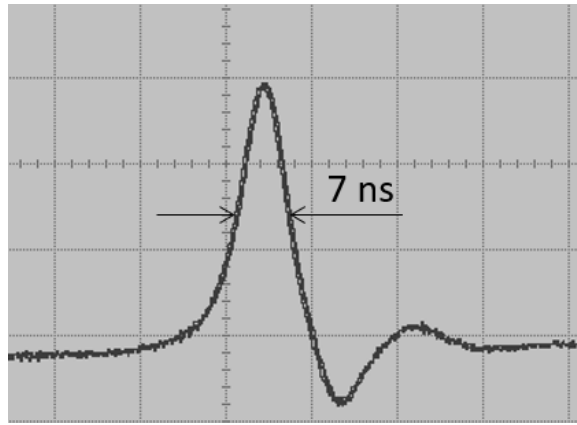


SPECIFICATIONS

Wavelength	1534 nm
Wavelength tolerance	± 1 nm
Pulse Energy, mJ	1 mJ
Energy stability (600 pulses), @ 5 Hz	<2 %
Pulse duration	< 10 ns
Pulse repetition rate	1-10 Hz
Polarization contrast	> 1:80
Beam diameter at exit window	<1 mm
Beam divergence	< 5 mRad
Beam profile	TEM ₀₀
Working temperature	-40 – 70 °C
Laser head dimensions	91 x 28 x 28 mm
Laser driver dimensions	128 x 83 x 48 mm
Pump current	< 20 A



Beam profile



Pulse duration, 7 ns

