

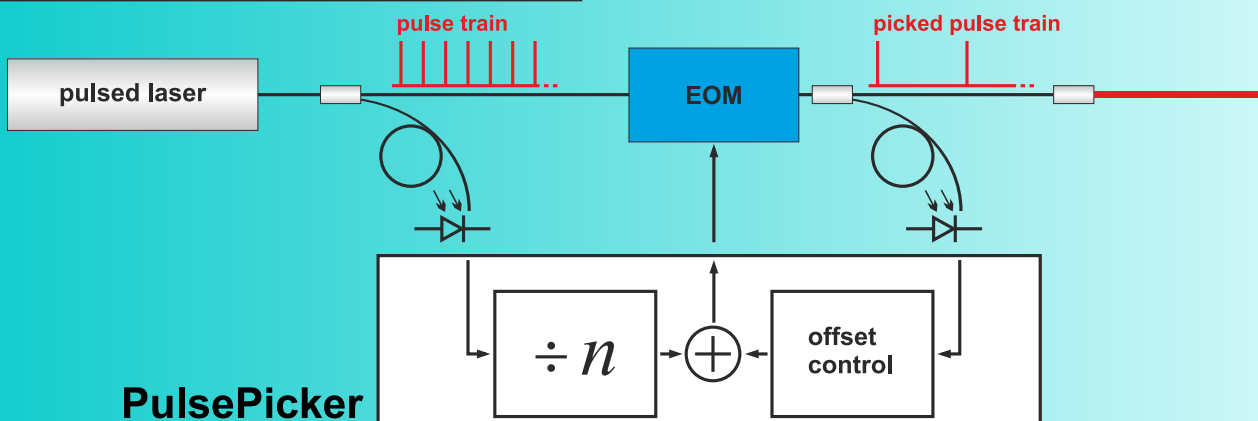


PulsePicker

Repetition Rate Reduction System

- for optical gating with a fiber-based electro-optical (EOM) or acousto-optical (AOM) modulator
- user-friendly front panel with LCD menu
- full PC control via USB or RS232
- for EOM: automatic control of offset voltage
- modular system

Application example (EOM)



Technical Data

Trigger frequency range:	10 MHz ... 500 MHz
Trigger amplitude:	$\geq 50\text{mVpp}$
Divisor:	2...255 (optional: $2 \dots 2^{32}-1$)
Input trigger sign:	pos / neg switchable
Output amplitude (switching pulses):	1V...3.5V @ 50 Ω
Output offset voltage (EOM version)	-4V...+4V @ 50 Ω (-10V...+10V @ 1M Ω), automatic control
Analog output voltage for AOM power control (AOM version)	0...+5V @ 50 Ω
Operation modes:	Picking / All through / All blocked
Housing dimensions:	88 x 260 x 373 mm
Interfaces:	USB, RS232 serial, (Ethernet optional)
Software / Drivers:	including visualization and measurement software Kangoo, LabView VIs available
Power supply:	100...120/200..250 VAC, 50/60 Hz

Subject to change without notice

Development, Manufacturing and Distribution



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