

## MEDIA ARTICLE

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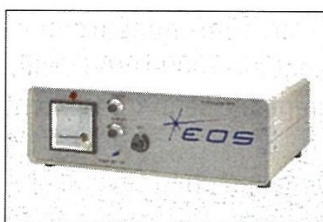
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# PCD: Pockels Cell Driver

## Cell-Driver-Module Series

can drive new high-power laser applications

EOS Optronics has developed modules for driving 10 and 3kV Pockels cells, which are used for regenerative amplifiers, pulse slicers and other, fast optical-switching devices in laser systems. The modules



provide the fast and high-voltage switching and are specifically characterised so that two Pockels cells, with a total load of up to 12pF, can be connected and simultaneously driven with a slope

of 9.5kV in less than 11nsec, even at high laser repetition rates of up to 2kHz, says the company. A variable and low-jitter impulse width from 80ns to 2.3 $\mu$ s is achieved for the 10kV unit. For the 3kV driver,

a typical pulse width of 8ns for a load of up to 12pF is achieved.

**EOS OPTRONICS**

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