



## SYDOR Comb Generator

Sydor Instruments' compact, VCSEL optical comb generator delivers UV, Visible, or IR pulses on the order of several GHz for the most demanding applications. It is ideal for accurate, time base calibration of electro-optic instrumentation, sensors, detectors, and streak cameras.

PERFORMANCE PARAMETERS	SYDOR COMB PULSE GENERATOR
Dual Frequency	Standard 1.976 GHz, and 493.986 MHz, other frequencies available.
Gate	Standard 200ns.
Average Power	1 mW minimum
Pulse Width	~60ps @ 1.976 GHz, FWHM ~360ps @ 493.986 MHz, FWHM
Wavelength	665nm
Trigger	TTL +5V
Supply Voltage	28Vdc +/- 10% @ 1A capacity
Frequency Stability	1 ppm
Jitter	1.2 picoseconds
Other features	Thermoelectric cooler for stability

Specifications subject to change at any time