



★We can supply almost all wavelength

Wavelength	Model Number
400nm	OPG-3300-400
635nm	OPG-3300-635
650nm	OPG-3300-650
670nm	OPG-3300-670
690nm	OPG-3300-690
780nm	OPG-3300-780
835nm	OPG-3300-835
1310nm	OPG-3300-1310
1550nm	OPG-3300-1550

Size 250(W) × 345(D) × 162(H)

★Blue Laser (400nm)  
 We can supply telecom band laser.

■ Feature

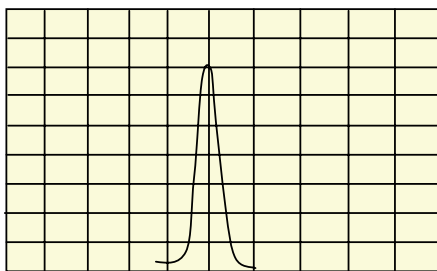
- ◇ Pulse Width: 100ps (standard)
- ◇ Repeated Frequency: 100Hz to 10MHz
- ◇ With CW mode
- ◇ Wavelength: 400nm and 1550nm
- ◇ Optical Output Stability:  $\leq \pm 2\%$  (0 to + 40°C)

■ Application

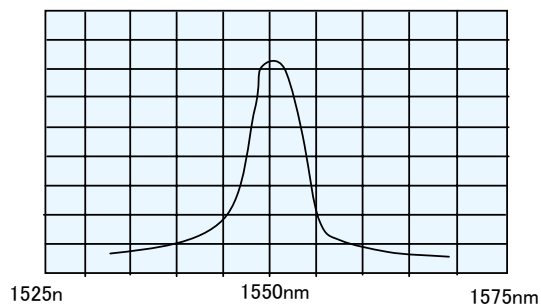
- ◇ Optical sensor response transmission tests
- ◇ Fluorescence life excitation light sources
- ◇ Absorbing / scattering light measurement light sources
- ◇ Optical fiber transmission tests
- ◇ Various telecom tests

■ Optical Pulse Output Example (1550nm)

FWHM:62ps



■ Wavelength Distribution Example (1550nm)



# Ultrashort Light Laser Pulse Light Source

## Single Mode Output OPG-3300

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### ■ General Specifications

◇Repeated Frequency External Signal Trigger: 100Hz to 10MHz Internal Oscillation: CW, 100Hz, 1KHz, 10KHz, 100KHz, 1MHz, 10MHz Frequency Accuracy: $\leq \pm 100\text{ppm}$ (ambient temperature + 25°C) Temperature Coefficient: 150ppm or below (0 to + 40°C)
◇Fiber Type: Single Mode Fiber (SM-9/125)
◇Optical Pulse Width: 100ps Standard (FWHM) There are solid differences of 100 to 130ps in the case of 400nm.
◇Optical Output Peak Output: Fiber ends (FC output) $\geq 3\text{mW}$
◇Wavelength Tolerance: 10nm
◇External Trigger Input: $\pm 50\Omega$ (Single Shot up to 10MHz)
◇Synchronous Signal Output: +1V $50\Omega$ Pulse Width 50ns
◇Jitter: $\leq \pm 10\text{ps}$ (between synchronous signal and optical output)
◇Delay: 0 to 100ns (between synchronous signal and optical output) Changeable with 20ns (connect with internal jumper)
◇Optical Output Stability: $\leq \pm 2\%$ (Peltier Device Temperature Control)
◇Optical Output Form: FC Receptacle

### ■ Power Supply, Environmental Conditions,

◇Operating Temperature: 0 to +40°C
◇Storing Ambient Temperature: -10 to +50°C
◇Humidity : $\leq 70\%$ (noncondensing)
◇Power: AC100V 50/60Hz
◇Power consumption: 40VA max
◇Size: 250(W) X 345(D) X 110(H) mm
◇Weight: about 2.8 Kg

### ■ Safety Measures for Laser Products

We have separated lasers into classes in accordance to the JIS (C6802) as safety measures to be followed as a manufacturer, and have displayed them on labels. Users are asked to please follow the JIS safety measures.

★In keeping with our commitment to continuing improvement, we reserve the right to change specifications without notice and without liability for such changes.

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