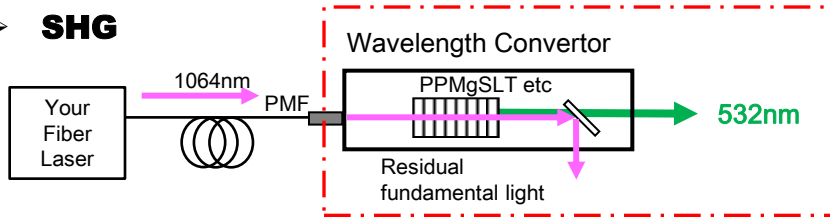


Wavelength Converter

Your IR Laser becomes Visible!!

Standard Scheme

➤ SHG

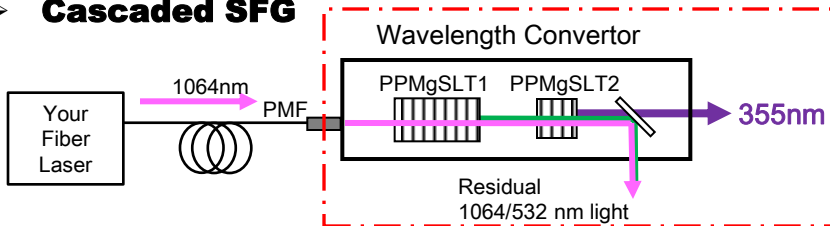


SHG: Standard CW 1064 → 532nm up to 5W SHG



Standard Dimension (SHG):
105mm x 74mm x 43mm

➤ Cascaded SFG



SFG: Standard CW 1064+532nm → 355nm up to 50mW

Note:

Our engineers select suitable nonlinear devices (PPMgLN, PPMgSLT, LBO, BBO etc.) and optical components for your laser. Much higher output power available for pulsed case.

Required Information

Input

CW / Pulsed
Center Wavelength, Bandwidth
M2
Polarization Extinction Ratio
Average / Peak Power
Delivery Fiber MFD, NA, Connector
etc.

Output

Average / Peak Power
Conversion Efficiency
Output Beam Size, Divergences
Converter Size
etc.

Option

Dump Unit (for Residual Input)

- Type: Fiber Dump, Dump Block Unit, Integrated Dump with FAN

Collimation (for SHG, SFG)

- Typical 1mm, Expander Option available

Multi-color Output

- Typical Fundamental, SHG, SFG

Fiber Out (for SHG, SFG)

- MMF, SMF, PMF

PD Power Monitor

Other Customizations AVAILABLE.

- 4th Harmonic Generation, DFG(Differential Frequency Generation), MIR(Mid IR)