

Fan-out PP Mg:SLT

Available for UV, Visible - MIR Range with High Conversion Efficiency

Let's Try Standard Fan-out PP Mg:SLT

- ✓ Tunable Laser SHG
- ✓ Tunable OPO/OPG
- ✓ Watt Class Visible Generation
- ✓ Feasibility Test for New Wavelength

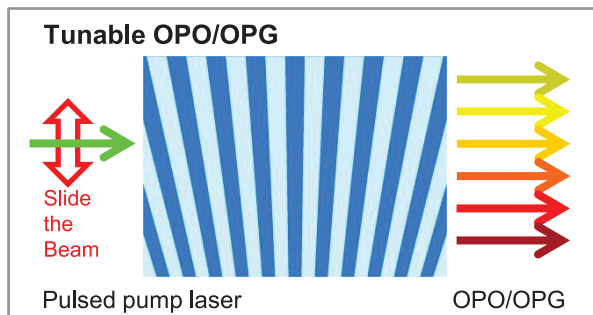
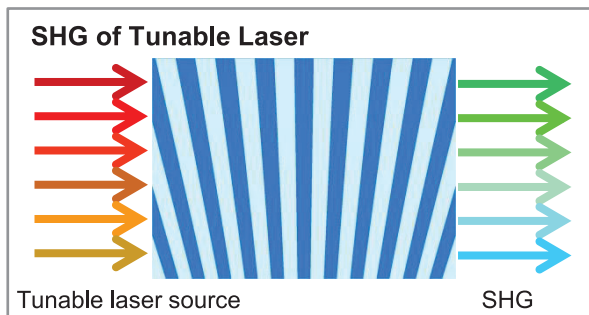
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PP-Mg:SLT (QPM Device)
*QPM: Quasi Phase Matching

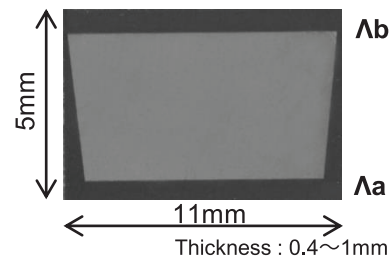
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US6211999 / US6673330 / JP4569911

Application Example



Specification

Type/ ITEM	Thickness (mm)	Periodicity		Phase-matching condition @ around 50% (SHG wavelength)
		Λ_a (μm)	Λ_b (μm)	
A	0.5	5.9	6.5	483 ~497
B		6.4	7.0	496 ~509
C		6.9	7.6	508 ~523
D		7.5	8.2	522 ~536
E		8.1	8.9	535 ~551
F		8.8	9.7	550 ~568
G		9.6	10.6	567 ~585
H		10.5	11.6	584 ~605
I		11.5	12.7	604 ~625
J	0.8	12.6	13.9	624 ~647
K		13.8	15.2	646 ~670
L		15.1	16.7	669 ~697
M		16.6	18.3	696 ~725
N		18.2	20.1	724 ~757
O		20.0	22.1	756 ~794



notes :
Conversion efficiency of fan-out structure is lower than
that of single periodicity devices. It depends on the beam size.

P	1.0	22.0	24.3	793 ~835
Q		24.2	26.7	834 ~886
R		26.6	29.4	885 ~954
S		29.3	32.4	953 ~1055
T		32.3	35.7	1054 ~(1255)
U		35.6	39.3	

- PP Mg:SLT is an OXIDE Product