

PPMgSLT

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

Features

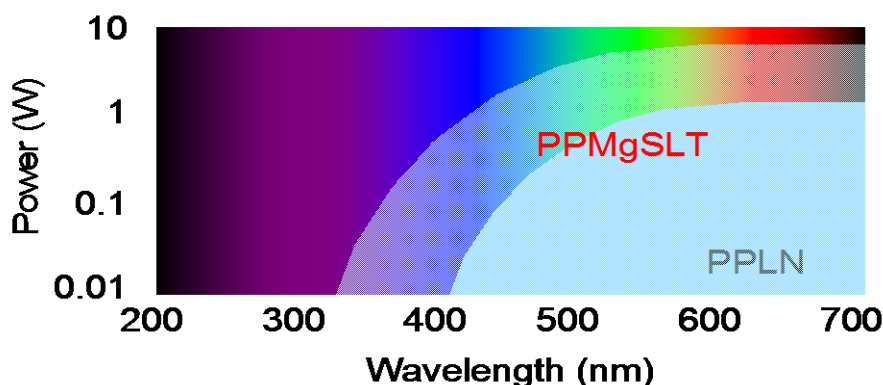
- ✓ **High SHG Power**
More than 1 W of SHG with stable operation
- ✓ **Wide Wavelength Range**
Available from UV to MIR.
It can be designed for arbitrary wavelength.
- ✓ **Designable Operating Temperature**
Room temperature operation is available
- ✓ **High Beam Quality without Walk-off**
Round beam is available even at THG (355nm)

Officially Licensed



PPMgSLT (QPM Device)
*QPM: Quasi Phase Matching

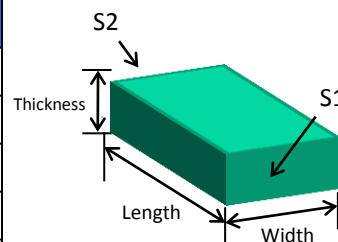
Available Range of PPMgSLT



Standard Specifications

PPMgSLT for SHG	
Non-linear Coefficient (deff)	> 7.5pm/V
Typical PMT	44+/- 5 degree C
AR Coat	S1&S2 R<0.5% @ 1064/532nm
Crystal Size (T x W)	0.5mm, 0.8mm, 1mm x 2mm
Crystal Length (L)	5mm, 10mm, 20mm, 30mm

*Different size and wavelength available.



Accessories (Sample Mount with TEC)

- Sample mount is designed for each PPMgSLT device.
- Base mount with thru holes (25mm pitch x 4 holes)

