

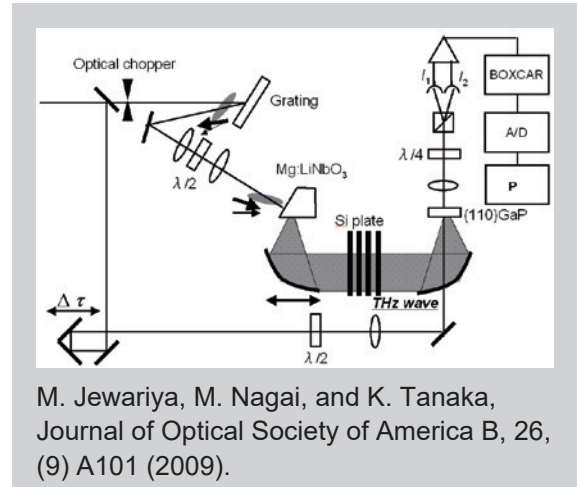
MgSLN Prism for THz Generation

Cherenkov-type Phase Matched THz Wave Generation

Advantages

(MgSLN : Mg 1.3mol% doped stoichiometric LiNbO₃)

- Easy setup for THz Generation
- Wide THz bandwidth (0.2~2.5 THz)
- Low Defect Density
- High damage threshold



Standard Type1 (Basic) 9 mm x 9 mm x 9 mm	Standard Type2 (High Power) 10 mm x 10 mm x 12.5 mm	Standard Type3 (Large Aperture) 20 mm x 20 mm x 20 mm

- ▲ Optically polished
- ▲ AR coating (for Ti:Sapphire laser and 1um fs fiber laser) @ 780 - 820nm and @1025nm ~ 1065nm

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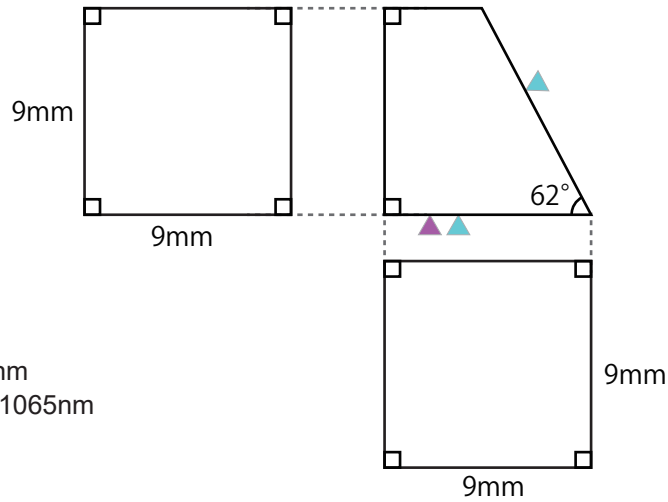
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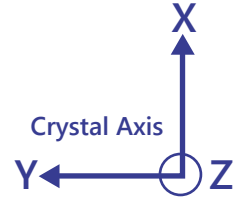
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Detail dimension and specification

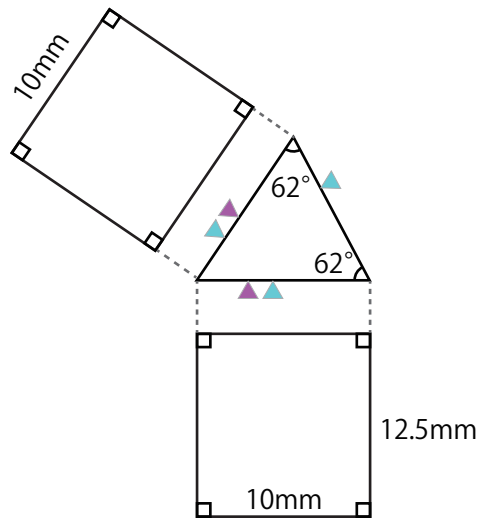
Standard Type 1



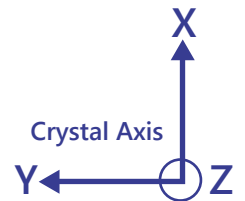
- ▲ Optically polished
- ▲ AR coating
R<1.0% @ 780 - 820nm
R<0.5% @1025nm ~ 1065nm



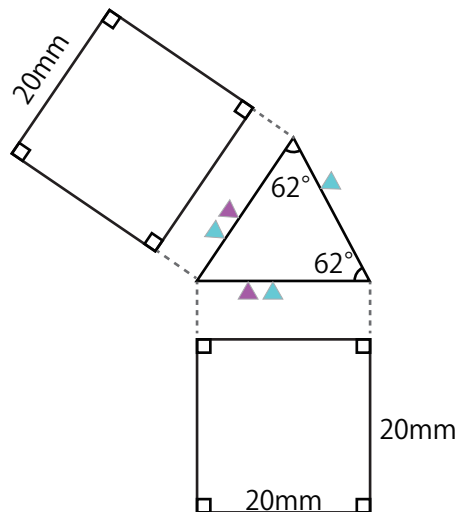
Standard Type 2



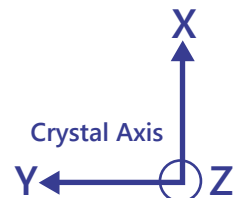
- ▲ Optically polished
- ▲ AR coating
R<1.0% @ 780 - 820nm
R<0.5% @1025nm ~ 1065nm



Standard Type 3



- ▲ Optically polished
- ▲ AR coating
R<0.5% @ 780 - 820nm
R<1.0% @1025nm ~ 1065nm



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