

LiNbO₃ Crystal

Dimensions	(4×4~9×9)×25 mm
Dimension Tolerance	± 0.1 mm
Angle Tolerance	± 0.5°
Flatness	< $\lambda/8$ @ 632.8 nm
Surface Quality	< 20/10 [S/D]
Parallelism	< 20"
Perpendicularity	≤ 5'
Chamfer	≤ 0.2mm @ 45°
Transmitted Wavefront Distortion	< $\lambda/4$ @ 632.8 nm
Capacitance	20 pF
Electrodes	Gold
$\lambda/4$ Voltage	~1.5 kV (@ 1064 nm)
Dynamic Extinction Ratio	20 dB (@ 1064 nm)
Clear Aperture	8.5 mm (> 90% central area)
Coating	AR coating: R < 0.2% @ 1064 nm, R < 0.5% @ 532 nm
Laser Damage Threshold	LN 100 MW/cm ² @ 10ns, 10Hz, 1064nm MgO : LN 150 MW/cm ² @ 10ns, 10Hz, 1064nm

Please note: PPLN/PPMgLN and SLN/MgSLN (Stoichiometric LN) is available.

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