Nd: YLF CRYSTALS

Sanctitylaser grows Nd:YLF crystals using Czochralski method,The use of high quality starting materials for crystal growth, whole boule interferometry,and precise inspection of scattering particle in crystal using He-Ne lsaer assures that each crystal will perform well.

Specification	
Diameter	Rod: 2mm - 16mm
Length	Rod: 1mm - 180mm
Orientation Of Rod Axis	crystal a-axis within 2 degrees
Nd Dopant Concentrations Between	0.5 and 3.0%
Standard Dopant	1.1±0.1%
Parallelism	<10 arc seconds
Perpendicularity	<5 arc minutes
Chamfer	0.13±0.07mm @ 45°
Surface Quality	10 / 5
Surface Flatness	λ/8 @ 632.8nm
End Coating	R<0.15% @ 1047/1053nm

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