

Tm:YLF Crystal

Main Specifications

Dimensions	Length	5 ~ 120 mm (± 0.5 mm)
	Diameter	3 ~ 10 mm (+0.00, -0.05 mm)
Tm Concentration		1.0 ~ 5.0 atm%
Orientation		[100] or [001] ($\pm 1^\circ$)
Wavefront Distortion		$\lambda/4$ per inch @ 633 nm
Barrel Finish		Fine ground (400#)
End Surface Parallelism		$\leq 10''$
Perpendicularity		$\leq 5'$
End Surface Flatness		$\lambda/10$ @ 633 nm
End Surface Quality		10-5 [s-d] (MIL-PRF-13830B)
Chamfer		0.15 \pm 0.05 mm @ 45°
Coating		AR (R<0.25% @ 1910 nm)

