

Tm:YAG Crystal

Main Specifications

Dimensions	Length	3 ~ 150 mm (± 0.5 mm)
	Diameter	2 ~ 10 mm (+0.00, -0.05 mm)
Tm Concentration		0.5 ~ 8.0 atm%
Orientation		[111] ($\pm 1^\circ$)
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% @ 2013 nm)

