

Tm:YAP Crystal

Main Specifications

Dimensions	Length	2 ~ 100 mm (± 0.5 mm)
	Diameter	2 ~ 10 mm (+0.00, -0.05 mm)
Tm Concentration		0.2 ~ 15.0 atm%
Orientation		[010] or [100] ($\pm 5^\circ$)
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°
Extinction Ratio		≥ 25 dB
Coating		AR (R<0.25% @ 1980/1940 nm)

