

Cr⁴⁺:YAG Crystal

Main Specifications

Dimensions	Aperture	2×2 ~ 14×14 mm ²
	Length	0.1 - 12 mm
Orientation		[100] or [111] (±1°)
Doping Concentration		0.5 ~ 3.0 mol%
Initial Absorption Coefficient		0.5 ~ 6.0 cm ⁻¹ @ 1064 nm
Initial Transmission		5% ~ 95%
Surface Flatness		< λ/8 @ 633 nm
End Surface Parallelism		< 30"
Chamfer		≤ 0.1 mm × 45°
Surface Quality		20-10 [s-d] (MIL-PRF-13830B)
Coating		AR (R<0.2% @1064nm) or according to customer's request
LIDT		≥ 500 MW/cm ²

