

UNDOPED YAG CRYSTALS

Undoped YAG Crystal is an excellent material for UV-IR optical windows, particularly for high temperature and high energy density applications, The mechanical and chemical stability is comparable to sapphire crystal, but YAG is unique with non-birefringence and available with higher optical homogeneity and surface quality.



Specification		
Orientation	within 5°	
Diameter	+/-0.1mm	
Thickness	+/-0.2mm	
Flatness	better than λ/8@633nm	
Parallelism	better than 30"	
Perpendicularity	better than 5'	
Scratch-Dig	10 / 5	
Wavefront Distortion	better than I/2 per inch@1064nm	