



Sapphire Window

High Transmission UV Laser Component

Coherent's Sapphire Windows are dedicated high-performance sapphire components for excimer laser applications. They feature very high transmission at 308 nm even at a Joule laser pulse. This high transmission combined with selected sapphire bulk material ensures best beam properties for any laser application. Furthermore, the windows meet all standards to operate Coherent 308 nm laser systems safely.

FEATURES & BENEFITS

- Selected sapphire material provides best laser efficiency
- Serial number tracking for prove of origin and quality
- Rugged coating and highest transmission ensure best laser performance
- Coherent quality product confirms full Coherent system warranty
- Meets all standards to operate Coherent lasers safely

APPLICATIONS

- 308 nm Excimer Laser Component

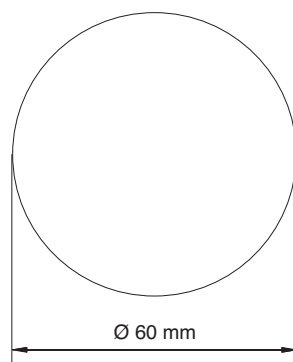


SPECIFICATIONS ¹	Sapphire Window
Wavelengths (nm)	308
Transmission at Wavelengths (%)	≥97.6
Wedge (arc sec)	<10
Diameter (mm)	60
Thickness (mm)	5

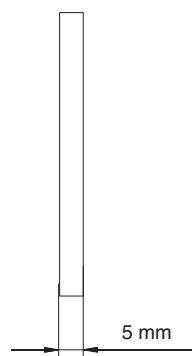
MECHANICAL SPECIFICATIONS

Sapphire Window

Top View



Side View



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Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice. Coherent's scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

Coherent offers a limited warranty for all Sapphire Windows. For full details of this warranty coverage, please refer to the Service section at www.Coherent.com or contact your local Sales or Service Representative.
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