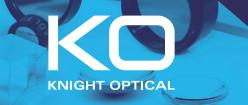
Capabilities



AMTIR windows

The most frequently requested specifications for ATMIR windows are as follows:

Diameter range less than 5mm to 200mm **Diameter tolerance** better than ± 0.1mm

Centre thickness up to 50mm

Centre thickness tolerance better than ± 0.05 mm

Clear aperture 90%

Centration tolerance better than 1 arc minute

Form error better than /4 (633nm) over aperture **Surface radius tolerance** less than 1 fringe over aperture

Linear dimension up to 200mm

Linear tolerancebetter than \pm 0.1mmAngular tolerancebetter than 5 arc minutes

Edge finishgroundChamfer0.3x0.3@45°Surface quality40-20 scratch/ dig

Coatings

BBAR coating @ 2-14 µm Diamond-Like Carbon (DLC) @ 2-14µm Edge blackening to reduce light scatter

Our capabilities are always expanding so if your requirement is not mentioned above please enquire as we have many years of experience in this field.

Contact our multilingual technical sales team and discover how Knight Optical's high quality AMTIR window capabilities and service can improve your instrumentation and supply chain experience.







