

sapphire window 60mm dia x 5mm as laser industry consumables

sapphire window 60mm dia x 5, this is a consumable for laser industry, that means the large quantity.

typical specifications: (depends on different customer):

size: 60mm dia \pm 0.05mm x 5mm thickness \pm 0.05mm

C-plane: \pm 0.5°

C.A: 55mm \pm 0.1mm

2 sides polished to 10/5

flatness: $\lambda/2@633\mu\text{m}$

parallelism: < 20 arc sec.

bevel: $\ll 0.3\text{mm}@45^\circ$

the key point is precise flatness among the whole C.A area together with 10/5 polishing.