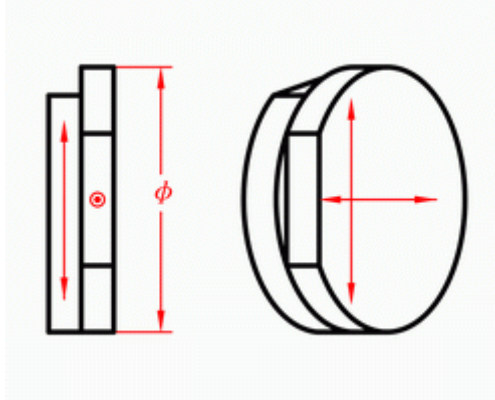


Optical Contact Zero Order Waveplate



be different from Cemented Zero Order Waveplates, Optical Contact Zero Order Waveplate does not use Epoxy bonding, a uncoated Optical Contact Zero Order Waveplate has a higher damage threshold.

Specifications:

Material.....Crystal

Diameter Tolerance.....+0.0/-0.2mm

Wavefront Distortion..... $\lambda/8$ @632.8nm

Retardation Tolerance..... $\lambda/300$

Parallism..... <1"

Surface Quality.....20/10

Clear Aperture.....>90%

Coating.....Uncoated or Anti-reflecting coating on both sides, $R < 0.25\% @ \lambda, AOI 0^\circ$

Damage Threshold:

①Uncoated: >10J/cm², 10ns, 10Hz

②AR coating: >2.5J/cm², 10ns, 10Hz

P/N	Type	Φ	λ_d	Coating
70401	$\lambda/4$	25.4	532nm	-
70402	$\lambda/4$	25.4	632.8nm	-
70403	$\lambda/4$	25.4	532nm	AR
70404	$\lambda/4$	25.4	632.8nm	AR
70405	$\lambda/2$	25.4	532nm	-
70406	$\lambda/2$	25.4	632.8nm	-
70407	$\lambda/2$	25.4	532nm	AR
70408	$\lambda/2$	25.4	632.8nm	AR

- Demension unit:mm
- Other sizes and coatings are available upon request.