48WP-2-CA-637Z, half-wave plate, zero-order

allows polarization rotation of linearly polarized radiation of 637 nm

FEATURES

The retardation optics type 48WP-2-CA-637Z is a half-wave plate that allow the polarization rotation of linearly polarized radiation. It has a rotary mount and is designed to be integrated into the multicube system.

- Quartz plate, zero-order
- For wavelengths 637 nm
- Clear aperture 5 mm
- In adjustable mount with self-locking tubular axis (0 - 360°)
- Rotation around axis that is inclined 2° with respect to the optical axis. This avoids interference and back-reflection
- System mount Ø 19.5 mm
- Adjustable using Schäfter+Kirchhoff Polarization Analyzer series SK010PA.

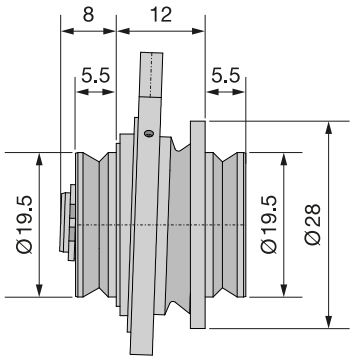
TECHNICAL DATA

48WP-2-CA-637Z, half-wave plate, zero-order

Order Code	48WP-2-CA-637Z
Center wavelength	637 nm
Retardation	λ/2
Order	Zero-order
AR coating	yes
Material	Quartz
Clear aperture	5 mm
System mount	Ø 19.5 mm
Adjustment range	360°
Inclined rotary axis	2°

Housing material	Nickel silver
Weight	46 g

Dimensions (for a complete dimensional drawing please refer to the downloads section)



DOWNLOADS

980210090404.pdf (Dimensional drawing)

ACCESSORIES

POLARIZATION ANALYZER SK010PA	Measurement tool for coupling into polarization-maintaining fiber cables

RELATED PRODUCTS

HALF-WAVE PLATE 48WP-2 (ZERO-ORDER)	The half-wave plate rotates the polarization direction of a linearly polarized input beam
HALF-WAVE PLATE 48WP-2 (LOW-ORDER)	The half-wave plate rotates the polarization direction of a linearly polarized input beam
MULTICUBE SYSTEM	Multicube-Components and Systems

This is a printout of the page https://sukhamburg.com/products/details/48WP-2-CA-637Z from 5/15/2024

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