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 <u>multicube</u> 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 <u>SK010PA</u>.

TECHNICAL DATA

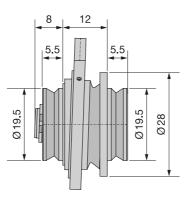
48WP-2-CA-637Z, half-wave plate, zero-order

Retardation $\lambda/2$ Order Zero-order AR coating yes Material Quartz Clear aperture 5 mm	Order Code	48WP-2-CA-637Z					
OrderZero-orderAR coatingyesMaterialQuartzClear aperture5 mmSystem mountØ 19.5 mmAdjustment range360°	Center wavelength	637 nm					
AR coating yes Material Quartz Clear aperture 5 mm System mount Ø 19.5 mm Adjustment range 360°	Retardation	λ/2					
Material Quartz Clear aperture 5 mm System mount Ø 19.5 mm Adjustment range 360°	Order	Zero-order					
Clear aperture 5 mm System mount Ø 19.5 mm Adjustment range 360°	AR coating	yes					
System mount Ø 19.5 mm Adjustment range 360°	Material	Quartz					
Adjustment range 360°	Clear aperture	5 mm					
	System mount	Ø 19.5 mm					
Inclined rotary axis 2°	Adjustment range	360°					
	Inclined rotary axis	2°					

DATA SHEET

Housing material								Nicl	kel si	lver	
Weight										۷	46 g
							 				<u> </u>

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



DOWNLOADS



980210090404.pdf (Dimensional drawing)

ACCESSORIES

POLARIZATIONMeasurement tool for coupling into polarization-ANALYZER SK010PAmaintaining 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



DATA SHEET

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

CONTACT

For more information please contact: Schäfter + Kirchhoff GmbH Kieler Str. 212 22525 Hamburg Germany Tel: +49 40 85 39 97-0 Fax: +49 40 85 39 97-79

info@sukhamburg.de www.sukhamburg.com

LEGAL NOTICE

Copyright 2020 Schäfter+Kirchhoff GmbH. All rights reserved.

Text, image, graphic, sound, video and animation files and their arrangement on Schäfter+Kirchhoff GmbH webpages are protected by copyright and other protective laws. The content may not be copied for commercial use or reproduced, modified or used on other websites. [more]

