

## 48WP-2-CA-852L, half-wave plate, low-order

allows polarization rotation of linearly polarized radiation of 852 nm



### FEATURES

The retardation optics type 48WP-2-CA-852L 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.

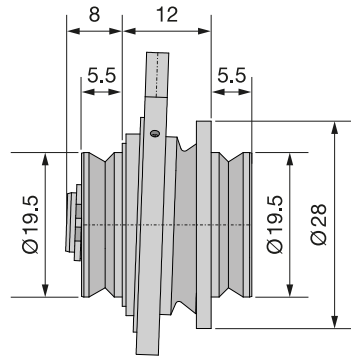
- Quartz plate, low-order
- For wavelengths 852 nm
- Clear aperture 5 mm
- In adjustable mount with self-locking tubular axis (0 - 360°)
- Rotation around axis that is inclined 2° with respect to the optical axis. This avoids interference and back-reflection
- System mount Ø 19.5 mm
- Adjustable using Schäfter+Kirchhoff Polarization Analyzer series [SK010PA](#).

## TECHNICAL DATA

48WP-2-CA-852L, half-wave plate, low-order

Order Code	48WP-2-CA-8521L
Center wavelength	852 nm
Retardation	$\lambda/2$
Order	low-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 (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-852L> from 5/5/2024

## 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](mailto:info@sukhamburg.de)**

**[www.sukhamburg.com](http://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. [\[more\]](#)