

48WP-2-CA-589L, half-wave plate, low-order

allows polarization rotation of linearly polarized radiation of 589 nm



FEATURES

The retardation optics type 48WP-2-CA-589L 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.

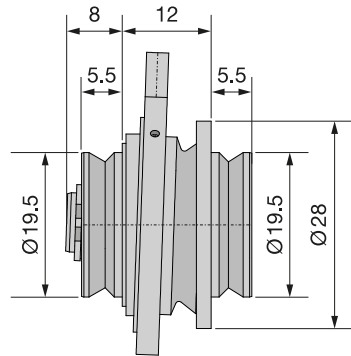
- Quartz plate, low-order
- For wavelengths 589 nm
- Clear aperture 5 mm
- In adjustable mount with self-locking tubular axis (0 - 360°)
- Rotation around axis that is inclined 2° with respect to the optical axis. This avoids interference and back-reflection
- System mount Ø 19.5 mm
- Adjustable using Schäfter+Kirchhoff Polarization Analyzer series [SK010PA](#).

TECHNICAL DATA

48WP-2-CA-589L, half-wave plate, low-order

Order Code	48WP-2-CA-589L
Center wavelength	589 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-589L> from 5/4/2024

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. [\[more\]](#)