

48WP-2-CA-1083L, half-wave plate, low-order

allows polarization rotation of linearly polarized radiation of 1083 nm



FEATURES

The retardation optics type 48WP-2-CA-1083L 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.

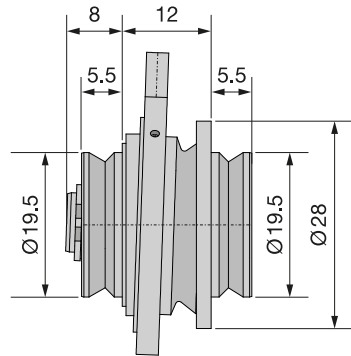
- Quartz plate, low-order
- For wavelengths 1083 nm
- Clear aperture 5 mm
- In adjustable mount with self-locking tubular axis (0 - 360°)
- Rotation around axis that is inclined 2° with respect to the optical axis. This avoids interference and back-reflection
- System mount Ø 19.5 mm
- Adjustable using Schäfter+Kirchhoff Polarization Analyzer series [SK010PA](#).

TECHNICAL DATA

48WP-2-CA-1083L, half-wave plate, low-order

Order Code	48WP-2-CA-10831L
Center wavelength	1083 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-1083L> from 5/5/2024

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