Quarter-wave plate, low-order 5WP-4-389L-L

transform linearly polarized radiation with 389 nm into circularly polarized radiation

FEATURES

The retardation optics of type 5WP-4-389L-L is a quarter-wave plate that transforms linearly polarized radiation with 389 nm into circularly polarized radiation.

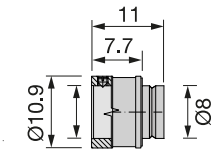
- Attachment optics with system mount Ø 8 mm for fiber collimators type 60FC with outer diameter Ø 12 mm
- Low-order quarter-wave retardation optics with an 1.5° inclined mounting in oder to avoid direct back-reflections
- Center wavelength: 389 nm
- Free rotation for best adjustment with positional locking using radially arranged screws.
- Long-form housing with system mount Ø 8 mm for adding additional attachment optics
- Adjustable using Schäfter+Kirchhoff Polarization Analyzer series SK010PA.
- For collimating focal lengths f > 25 mm Schäfter+Kirchhoff offers fiber collimators of type 60FC-Q with integrated retardation optics.

TECHNICAL DATA

Quarter-wave plate, low-order 5WP-4-389L-L

Order Code	5WP-4-389L-S
Center wavelength	389 nm
Retardation	λ/4
Order	low-order
AR coating	yes
Material	Quartz
Clear aperture	5 mm

Inclined mounting of retardation optics	1.5°
System mount	Ø 8 mm
Front fitting	System mount Ø 8 mm
Housing material	Black anodized aluminum
Weight	5 g
Dimensions (for a complete dimensional drawing please refer to the downloads section)	



DOWNLOADS

921120280600.pdf (Dimensional drawing)

ACCESSORIES

POLARIZATION ANALYZER SK010PA	Measurement tool for coupling into polarization-maintaining fiber cables
9D-12	Screwdriver WS 1.2

RELATED PRODUCTS

QUARTER-WAVE PLATES 5WP-4 (LOW-ORDER)	transform linearly polarized radiation into circularly polarized radiation

QUARTER-WAVE PLATES 5WP-4 (ZERO-ORDER)	transform linearly polarized radiation into circularly polarized radiation
FIBER COLLIMATOR SERIES 60FC	for collimating radiation exiting an optical fiber or as an incoupler
FIBER COLLIMATOR 60FC-Q	Fiber Collimator for collimating large beam diameters and with integrated quarter-wave plate

This is a printout of the page https://sukhamburg.com/products/details/5WP-4-389L-L from 5/7/2024

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