

Quarter-wave plate, low-order 5WP-4-767L-S

transform linearly polarized radiation with 767 nm into circularly polarized radiation



FEATURES

The retardation optics of type 5WP-4-767L-S is a quarter-wave plate that transforms linearly polarized radiation with 767 nm into circularly polarized radiation.

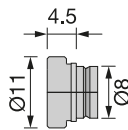
- Attachment optics with system mount Ø 8 mm for fiber collimators type [60FC](#) with outer diameter Ø 12 mm
- Low-order quarter-wave retardation optics with an 1.5° inclined mounting in order to avoid direct back-reflections
- Center wavelength: 767 nm
- Free rotation for best adjustment with positional locking using radially arranged screws.
- Short version
- 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-4-767L-S

| | |
|---|--------------|
| Order Code | 5WP-4-767L-S |
| Center wavelength | 767 nm |
| Retardation | $\lambda/4$ |
| 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 | - |
| Housing material | Nickel silver |
| Weight | 5 g |
| Dimensions (for a complete dimensional drawing please refer to the downloads section) | |



DOWNLOADS



[921120280500.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-4-767L-S> from 5/4/2024

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