

48BC-CC-LP-436

Short pass filter with 436 nm edge wavelength



FEATURES

Two laser beams of different wavelengths are coaxially combined into a single laser beam with equal polarization. In adjustable mount, for mounting with clamp collar to a multicube.

- 1 mm fused silica plate with wavelength dependent dielectric coating
- Short pass
- Edge wavelength 436 nm
- Optimized for angle of incidence 45°, s-polarization
- Fused silica plate
- Substrate with 0.3° wedge angle for interference suppression
- AR coated reverse surface
- Clear aperture 10 mm
- Shipped with clamp collar

Please note that the transmitted beam will take an offset of about 0.3 mm.

you can pre-compensate for this offset by means of the lateral adapter type 48MB-19.5AC-D.

TECHNICAL DATA

48BC-CC-LP-436

Order Code	48BC-CC-LP-436
Type	short pass
Edge wavelength	436 nm
Polarization	s
Reflection range	370 - 412 nm
Transmission range	460 - 700 nm
Reflection	

Transmission

Clear aperture	Ø 10 mm
Angle of incidence	45°
Rotation range	360°
Tilt range	± 1.5°
Housing material	black anodized aluminum
Weight	16 g

TECHNOTES

- [Multicube System \(10\)](#)
[Multicube-Components and Systems](#)
- [Multicube Components \(2\)](#)
[Multicube Components like mounting plates, cubes etc.](#)
- [System Mount 19.5 Components for Multicube](#)
[Adapters, flanges, spacer, caps etc.](#)
- [Rods / Screws / Tools](#)
[Rods, screws and tools for the multicube system](#)
- [Multicube Optics \(4\)](#)
[Optical system components including beam splitters, retardation optics, polarizers, photo detectors and Faraday isolators.](#)
- [Beam Splitters](#)
[Beamsplitters including Polarization Beam Splitters, Beam Splitter Cubes, Beam Splitter Plates and dichroic Beam Splitters](#)
- [Retardation optics \(2\)](#)
[Retardation optics including low and zero order half-wave and quarter-wave plates as well as dichroic](#)
- [Half-wave plates](#)
[Half-wave plates including zero and low order](#)
- [Quarter-wave plates](#)
[Quarter-wave plates including zero and low order](#)
- [Multicube Systems \(1\)](#)
[including fiber-to fiber couplers, beam splitters, beam combiners and Fiber Port Clusters.](#)
- [Fiber Port Cluster](#)

DOWNLOADS



[980120190102.pdf \(Dimensional drawing\).](#)

This is a printout of the page <https://sukhamburg.com/products/details/48BC-CC-LP-436> from 4/30/2024

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

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