

5PF-C-450-L

Polarization beam splitter cube (long version)



FEATURES

Polarization filter with system mount Ø 8 mm for attaching to [60FC](#) Fiber Collimators (with outer diameter Ø 12 mm).

This filter transmits only the linear polarized component of the radiation.

- Polarization beam splitter cube with deflection of the unwanted orthogonally polarized radiation
- Polarization extinction ratio 10.000:1
- Surface deviation $< \lambda/4$
- Clear aperture: 4 mm
- System mount: Ø 8 mm
- AR Coating: 450 - 700 nm
- Long-form housing with system mount Ø 8 mm for adding additional attachment optics

TECHNICAL DATA

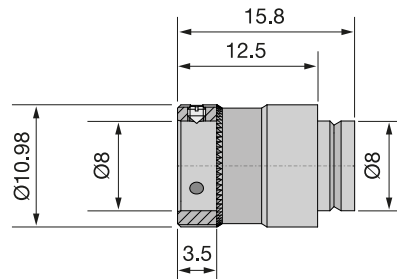
5PF-C-450-L

Order Code	5PF-C-450-L
Type	Polarizing cube beam splitter
Wavelength range	450 - 700 nm (residual reflectivity $< 1.5\%$)
Extinction	10.000:1
Transmission	$> 95\%$
AR Coating	yes
Surface deviation	$< \lambda/4$
Clear aperture	4 mm
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



[921120280400.pdf \(Dimensional drawing\).](#)

ACCESSORIES

**POLARIZATION
ANALYZER SK010PA**

Measurement tool for coupling into polarization-maintaining fiber cables

RELATED PRODUCTS

**POLARIZATION FILTERS
5PF**

for attaching to 60FC Fiber Collimators

This is a printout of the page <https://sukhamburg.com/products/details/5PF-C-450-L> from 5/5/2024

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