5PF-P-1300-L

Dichroic polarization filter (long version)

FEATURES

Polarization filter with system mount Ø 8 mm for attaching to 60FC Fiber Collimators (with outer diameter Ø 12 mm).
The filter transmits only the linear polarized component of the radiation.

- Dichroic polarization filter. The filter is laminated to a glass substrate with an 1.5° inclined mounting in oder to avoid direct back-reflections
- Polarization extinction ratio 10.000:1
- Surface deviation < λ/4
- Clear aperture: 5 mm
- System mount: Ø 8 mm
- AR Coating: 1280 - 1500 nm
- Long-form housing with system mount Ø 8 mm for adding additional attachment optics

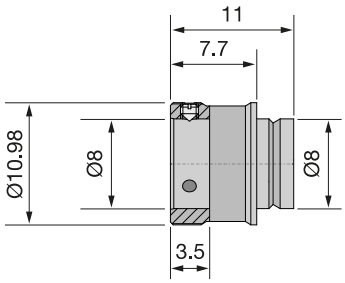
TECHNICAL DATA

5PF-P-1300-L

Order code	5PF-P-1300-L
Type	Dichroic polarization filter
Wavelength range	1280 - 1500 nm
Extinction	10.000:1
Transmission	> 84 - 93 %
AR coating	1280 - 1500 nm (residual reflectivity < 1.5 %)
Surface deviation	< λ/4
Clear aperture	Ø 5 mm
Inclined mount	1.5°
System mount	Ø 8 mm

Front fitting	System mount Ø 8 mm
Housing material	Nickel silver
Weight	5 g

Dimensions (for a complete dimensional drawing please refer to the downloads section)



DOWNLOADS

921120280200.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-P-1300-L from 5/3/2024

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

LEGAL NOTICE