

5PF-P-1300-S

Dichroic polarization filter (short 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.

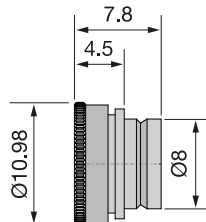
- Dichroic polarization filter. The filter is laminated to a glass substrate with an 1.5° inclined mounting in order to avoid direct back-reflections
- Polarization extinction ratio 10.000:1
- Surface deviation < $\lambda/4$
- Clear aperture: 5 mm
- System mount: Ø 8 mm
- AR Coating: 1280 - 1500 nm
- Short Version without front fitting

TECHNICAL DATA

5PF-P-1300-S

Order code	5PF-P-1300-S
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	< $\lambda/4$
Clear aperture	Ø 5 mm
Inclined mount	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



[921120280100.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-S> from 5/8/2024

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