

## Polarization Filters 13PF

for attaching to 60FC-T and 60FC-L Fiber Collimators



### FEATURES

Polarization filters with system mount Ø 19.5 mm for attaching to [60FC-L](#) and [60FC-T](#) Fiber Collimators with outer diameter Ø 25 mm. These filters transmit only the linear polarized component of the radiation.

There are two series:

- Polarization beam splitter cubes with deflection of the unwanted orthogonally polarized radiation
- Dichroic polarization filters. The filter is laminated to a glass substrate with an 0.5° inclined mounting in order to avoid direct back-reflections
- Free rotation for best adjustment with positional locking using radially arranged screws.
- Polarization extinction ratio 10.000:1
- Surface deviation <  $\lambda/4$
- Wavelength range UV - IR
- Broadband AR Coating
- Optional long-form housing (-L) with system mount Ø 19.5 mm for adding additional attachment optics

## ORDER OPTIONS

Order Code	Series	Polarizer Type	Spectral Range	Extinction	Transmission	Clear Aperture	System Mount	Front Fitting
<a href="#">13PF-P-600-S</a>	13PF-P	dichroic	600 - 850 nm	$10^4 : 1$	> 84 - 93 %	12 mm Ø 19.5 mm	-	-
<a href="#">13PF-P-750-S</a>	13PF-P	dichroic	750 - 1250 nm	$10^4 : 1$	> 87 - 93 %	12 mm Ø 19.5 mm	-	-
<a href="#">13PF-P-1300-S</a>	13PF-P	dichroic	1280 - 1500 nm	$10^4 : 1$	> 96 - 98 %	12 mm Ø 19.5 mm	-	-
<a href="#">13PF-P-600-L</a>	13PF-P	dichroic	600 - 850 nm	$10^4 : 1$	> 84 - 93 %	12 mm Ø 19.5 mm	Ø 19.5 mm	Ø 19.5 mm
<a href="#">13PF-P-750-L</a>	13PF-P	dichroic	750 - 1250 nm	$10^4 : 1$	> 87 - 93 %	12 mm Ø 19.5 mm	Ø 19.5 mm	Ø 19.5 mm
<a href="#">13PF-P-1300-L</a>	13PF-P	dichroic	1280 - 1500 nm	$10^4 : 1$	> 96 - 98 %	12 mm Ø 19.5 mm	Ø 19.5 mm	Ø 19.5 mm
<a href="#">13PF-C-350-S</a>	13PF-C	cube	340 - 440 nm	$10^4 : 1$	> 98 %	8 mm Ø 19.5 mm	-	-
<a href="#">13PF-C-450-S</a>	13PF-C	cube	450 - 700 nm	$10^4 : 1$	> 95 %	10 mm Ø 19.5 mm	-	-
<a href="#">13PF-C-750-S</a>	13PF-C	cube	750 - 1100 nm	$10^4 : 1$	> 95 %	10 mm Ø 19.5 mm	-	-
<a href="#">13PF-C-1100-S</a>	13PF-C	cube	1100 - 1700 nm	$10^4 : 1$	> 98 %	10 mm Ø 19.5 mm	-	-
<a href="#">13PF-C-350-L</a>	13PF-C	cube	340 - 440 nm	$10^4 : 1$	> 98 %	8 mm Ø 19.5 mm	Ø 19.5 mm	Ø 19.5 mm
<a href="#">13PF-C-450-L</a>	13PF-C	cube	450 - 700 nm	$10^4 : 1$	> 95 %	10 mm Ø 19.5 mm	Ø 19.5 mm	Ø 19.5 mm
<a href="#">13PF-C-750-L</a>	13PF-C	cube	750 - 1100 nm	$10^4 : 1$	> 95 %	10 mm Ø 19.5 mm	Ø 19.5 mm	Ø 19.5 mm
<a href="#">13PF-C-1100-L</a>	13PF-C	cube	1100 - 1700 nm	$10^4 : 1$	> 98 %	10 mm Ø 19.5 mm	Ø 19.5 mm	Ø 19.5 mm

## 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/fiberoptics/fibercoupler/accessories/attachmentoptics/pf/13.html> from 5/6/2024

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