

Direct-attach variable In-Line Filter Holder

FH-DA



As part of the wide range of direct-attach accessories, Avantes offers the FH-DA series of filter holders. They can hold 0.5 inch filters of 1-8 mm thick.

The filter holders are equipped with two quartz collimating lenses for the UV/VIS/NIR range. Avantes offers a wide range of round 12 mm filters.

The FH-DA is available in two versions: the FH-DA for the AvaLight-XE, AvaLight-DHc and AvaLight-LED. The FH-DA-HAL is designed to work seamlessly with the AvaLight-HAL.

Technical Data

	FH-DA	FH-DA-HAL-Mini
Wavelength range	200-2500 nm	
Filter Dimensions	Round, 13 mm diameter, 1-8 mm thick	
Fiber connection	SMA-905 connector	
Light source	AvaLight-DHc/XE/LED	AvaLight-HAL-Mini
Light source mounting	SMA-905 thread	UNS thread (remove COL-UV/VIS)
Material	Black anodized aluminum	
Dimensions	44.5 x round 20 mm	37 x 40 x 41 mm

Separate round filters to install in FH-DA series

GL-WG305-12	Separate 12 x 3 mm long-pass filter > 305 nm
GL-KG3-12	Separate 12 x 3 mm band-pass filter, transparent > 325 nm and < 700 nm
GL-BG28-12	Separate 12 x 3 mm band-pass filter, transparent > 360 nm and < 500 nm
GL-GG385-12	Separate 12 x 3 mm long-pass filter > 385 nm
GL-GG475-12	Separate 12 x 3 mm long-pass filter > 475 nm
GL-OG515-12	Separate 12 x 3 mm long-pass filter > 515 nm
GL-OG550-12	Separate 12 x 3 mm long-pass filter > 550 nm
GL-NG9-1-12	Separate 12 x 1 mm Neutral Density filter, (transmission 10%, 400-1100 nm)
GL-NG9-2-12	Separate 12 x 2 mm Neutral Density filter, (transmission 1%, 400-1100 nm)
GL-NG9-3-12	Separate 12 x 3 mm Neutral Density filter, (transmission 0.1%, 400-1100 nm)

Ordering Information

FH-DA	• Direct-attach Filter Holder for 12 mm diameter filters, 1-8 mm thick, incl. one UV/VIS collimating lenses
FH-DA-HAL-Mini	• As FH-DA, meant for the AvaLight-HAL-Mini light source.