

## 8.2 Hard bandpass filters (hard coatings by reactive ion plating or ion assisted evaporation)

Type	DAD 8-70
<b>Spectral values</b> Center wavelength $\lambda_m$ [nm] Half width HW [nm] For individual requirements concerning spectral values $\lambda_m$ , FWHM, transmittance within passband and blocking region, please contact us.	300 - 1450 in the range 8-70
<b>Other properties</b> Humidity resistance Coating abrasion resistance Coating adhesion Operating temperature <sup>1)</sup>	MIL-Std-810 C, method 507, proc. 1 : 10 cycles MIL-C-675 C, para. 4.5.10 MIL-M-13508 C, para. 4.4.6 up to approx. 350 °C
Notes	<sup>1)</sup> If operating temperatures over 100 °C are envisaged, please indicate on ordering so that an appropriate substrate can be selected.

Table 15: Specifications of filter types DAD

Preferred dimensions [mm]	
External dimensions	Dimensions of utilizable area
∅ 12 +0/-0.3	see left column
∅ 25 +0/-0.3	see left column
∅ 50 +0/-0.3	see left column
□ 50 +0/-0.3	see left column
Thickness	1 ± 0.2
Other dimensions on request	

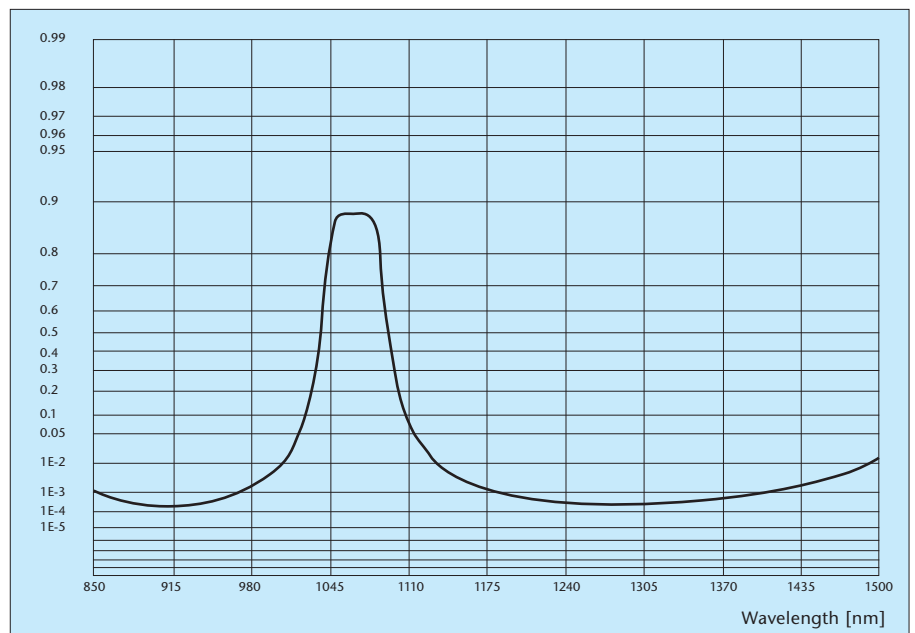


Fig. 27: Spectral transmittance curve (general curve) of filter types DAD