LT-APO/ULWD/NIR/0.35/xs

1014254

Technical Specifications

Optical Data	
clear aperture [mm]	4.7
focal length [mm]	6.71
numerical aperture(NA)	0.35
working distance	12.0 mm
Spectral Performance	
AR coating (> 80% trasnmission) [nm]	400 .. 1000
apochromatic range (df < +/- delta) [nm]	670 .. 1105
Compatibility	
environment	high magnetic fields
	low temperature
	ultra-high vacuum
compatible setups	AFM/CFM/cust
	attoDRY800
	CFM I/cust
Size and Dimensions	
length	50.35 mm
weight	approx. 50 g

δf: chromatic focal shift, $\Delta = n \cdot \lambda_{ref} / (2 \cdot NA^2)$: depth of focus, n: refractive index, λ_{ref}: wavelength used to define focal plane with max. Δ

Ø 18,50

Ø 17,80

A

A

0

7

50,35

M17x0,5 min. 2

B

3°

4°

WD 12 mm

Ø 4,20

Ø 8

B (4 : 1)