

# 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% transmission) 400 .. 1000 [nm]	
apochromatic range (df < +/- delta) [nm]	670 .. 1105
Compatibility	
environment	ultra-high vacuum low temperature high magnetic fields
compatible setups	CFM I/cust attoDRY800 AFM/CFM/cust
Size and Dimensions	
diameter	18.5 mm
length	50.35 mm
weight	approx. 50 g



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



