

LT-APO/ULWD/VISIR/0.35/xs

1014253

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]	520 .. 870
Compatibility	
environment	ultra-high vacuum high magnetic fields low temperature
compatible setups	attoCFM l/cust, attoDRY800, AFM/CFM/cust
Size and Dimensions	
diameter	18.5 mm
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



