

LT-APO/IR/0.81/xs

1014312

Technical Specifications

Optical Data	
clear aperture [mm]	4.7
focal length [mm]	2.9
numerical aperture(NA)	0.81
working distance	0.67 mm (1.40 mm)
Spectral Performance	
AR coating (> 80% transmission) 600 .. 1600 [nm]	
apochromatic range (df < +/- delta) [nm]	985 .. 1350
Compatibility	
environment	low temperature high magnetic fields ultra-high vacuum
compatible setups	attoCFM lxs
Size and Dimensions	
diameter	18.5 mm
length	50.35 mm
weight	43 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



