

LT-APO/Telecom

1021858

Technical Specifications

Optical Data	
clear aperture [mm]	4.7
focal length [mm]	2.94
numerical aperture(NA)	0.80
working distance	0.55 mm (1.30 mm)
Spectral Performance	
AR coating (> 80% transmission) [nm]	520 .. 1600
apochromatic range (df < +/- delta) [nm]	1170 .. 1580
Compatibility	
environment	high magnetic fields high vacuum low temperature
compatible setups	attoCFM I, attoDRY800, AFM/CFM
Size and Dimensions	
length	48.35 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



