

LT-APO/532-RAMAN/0.82

1015091

Technical Specifications

Optical Data	
clear aperture [mm]	4.7
focal length [mm]	2.88
numerical aperture(NA)	0.82
working distance	0.64 mm (1.40 mm)
Spectral Performance	
AR coating (> 80% transmission) 400 .. 1000 [nm]	
apochromatic range (df < +/- delta) [nm]	520 .. 695
Compatibility	
environment	low temperature ultra-high vacuum high magnetic fields
compatible setups	attoCFM I, attoDRY800, AFM/CFM
Size and Dimensions	
diameter	24 mm
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



