LT-AP0/532-RAMAN/0.82

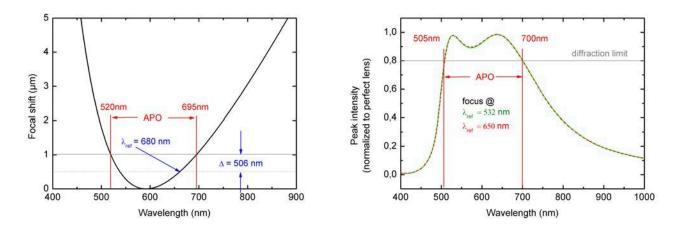
Technical Specifications

Optical Data	
clear aperture	4.7 mm
focal length	2.88 mm
numerical aperture(NA)	0.82
working distance	0.64 mm (1.40 mm)
Spectral Performance	
AR coating (> 80% trasnmission)	400 1000 nm
apochromatic range (df < +/- delta)	520695 nm ⁽¹⁾
Compatibility	
environment	low temperature, high magnetic fields, high vacuum
compatible setups	CFM I, AFM/CFM, attoDRY800
suitable broadband collimator	RT-APO/VIS-NIR/0.13
Size and Dimensions	
diameter	24 mm
length	48.35 mm
weight	43 g

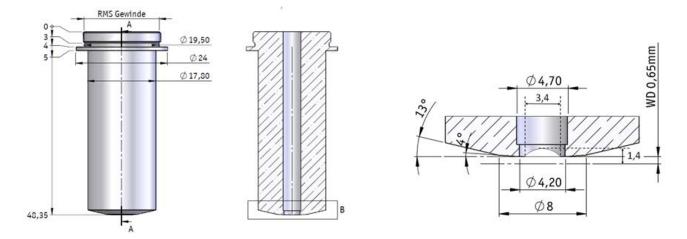


(1) df: chromatic focal shift, delta = n* lambdaref / (2*NA2): depth of focus, n: refractive index, lambdaref : wavelength used to define focal plane with max. delta

Simulation Data on Chromatic Performance



Technical Drawings





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LT-APO/532-RAMAN/0.82/xs

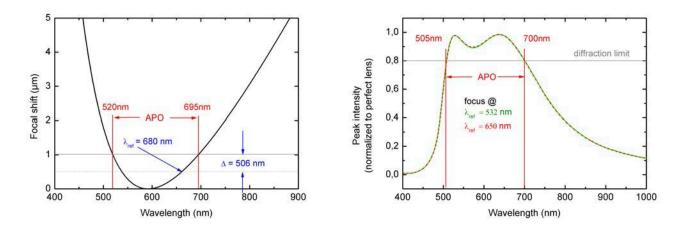
Technical Specifications

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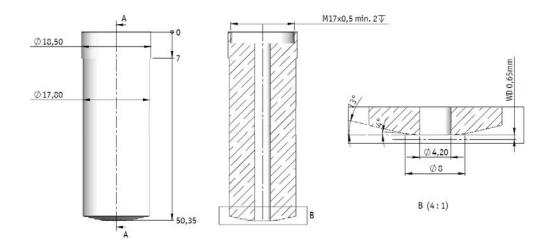


(1) df: chromatic focal shift, delta = n* lambdaref / (2*NA2): depth of focus, n: refractive index, lambdaref : wavelength used to define focal plane with max. delta

Simulation Data on Chromatic Performance



Technical Drawings





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