

LT-APO/LWD/NIR/0.63

Art.Nr.: 1013375

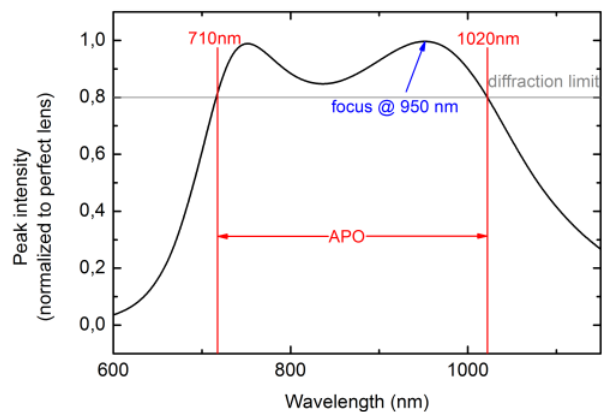
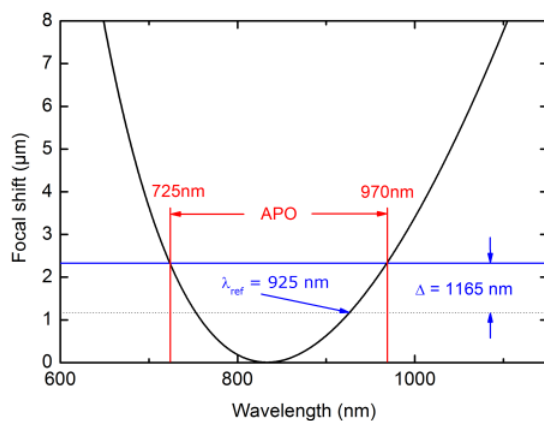
Technical Specifications

Optical Data	
clear aperture	4.7 mm
focal length	3.73 mm
numerical aperture(NA)	0.63
working distance	5.0 mm
Spectral Performance	
AR coating (> 80% transmission)	400 .. 1000 nm
apochromatic range (df < +/- delta)	725 .. 970 nm ⁽¹⁾
Compatibility	
environment	low temperature, high magnetic fields, high vacuum
compatible setups	CFM I/cust, AFM/CFM/cust, attoDRY800
suitable broadband collimator	RT-APO/VIS-NIR/0.13, RT-APO/VIS-NIR/0.13
Size and Dimensions	
diameter	28 mm
length	81 mm
weight	approx. 100 g



⁽¹⁾ df: chromatic focal shift, $\Delta f = n \cdot \lambda_{ref} / (2 \cdot NA^2)$; depth of focus, n: refractive index, λ_{ref} : wavelength used to define focal plane with max. Δf

Simulation Data on Chromatic Performance



Technical Drawings

