

# LT-APO/LWD/NIR/0.63

1013375

## Technical Specifications

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



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



