

LT-APO/LWD/VISIR/0.65: low temperature compatible, apochromatic objective

1013374

Technical Specifications

| Optical Data | |
|--|--|
| clear aperture [mm] | 4.7 |
| focal length [mm] | 3.62 |
| numerical aperture(NA) | 0.65 |
| working distance | 5.0 mm |
| Spectral Performance | |
| AR coating (> 80% transmission) [nm] | 400 .. 1000 |
| apochromatic range (df < +/- delta) [nm] | 570 .. 730 |
| Compatibility | |
| environment | high magnetic fields high vacuum low temperature |
| compatible setups | attoCFM I/cust, attoDRY800, AFM/CFM/cust |
| Size and Dimensions | |
| length | 81 mm |
| weight | approx. 100 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



