

LT-APO/Telecom/xs

1021863

Technical Specifications

| | |
|------------------------------------------|--------------------------------------------------------|
| Optical Data | |
| clear aperture [mm] | 4.7 |
| focal length [mm] | 2.94 |
| numerical aperture (NA) | 0.80 |
| working distance | 0.55 mm (1.30 mm) |
| Spectral Performance | |
| AR coating (> 80% transmission) [nm] | 520 .. 1600 |
| apochromatic range (df < +/- delta) [nm] | 1170 .. 1580 |
| Compatibility | |
| environment | high magnetic fields high vacuum low temperature |
| compatible setups | attoCFM Ixs |
| suitable broadband collimator | RT-APO/VISIR-IR/0.13 |
| Size and Dimensions | |
| 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



