

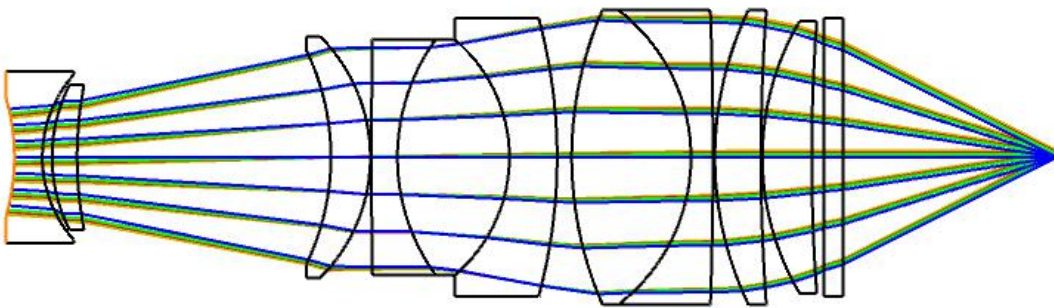
# Objective Lenses

The **achromatic objective lenses** is an infinity corrected lens used for axial achromatic correction. It produces the same flat focus field for multiple imaging modes without introducing vignetting effect, so the observation image at the edge of the field of view can also be natural and clear. The objective lenses with focal length can also be compatible with other wavelengths, when femtosecond laser (such as 770~790nm) or near-infrared (such as 1064nm) laser aberration correction was applied. CASTECH's laser objective lenses have the characteristics of high NA, high LIDT, high transmission, and high flatness of field of view.



## Applications

- Coaxial Observation
- Laser Import
- Laser Processing
- Chromatic Aberration Correction



Schematic diagram of the light path

# Objective Lenses

## Objective Lenses Model Number: CAOL-w-e-l-n

Wavelength (w)	Expansion (e)	Distance (l)	NA (n)
1064 nm ...	20X 50X ...	20 mm 15.1 mm ...	0.45 0.67 ...

## Typical Specifications

Wavelength	Expansion	Distance	NA	Resolution	Transmission
1064 nm	20X	20 mm	0.45	0.61 $\mu\text{m}$	$\geq 82\%$

### Housing dimensions(mm):

