

Objectives

LCD Plan Apo NIR Series Objectives

It is a high-end near-infrared objective exclusively for the liquid crystal industry.

- Optical correction: flat field + apochromatic, achieving "full-field precise imaging"
- Near-infrared exclusive: penetrating glass + compatible with laser processing
- Customized glass compensation: adapting to liquid crystal substrates of different thicknesses
- Long working distance + infinite correction: safer and more flexible operation
- Bright field optimization: sharp contrast, details "distinguishable at a glance"



One Platform Many Possibilities

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Get a Quote



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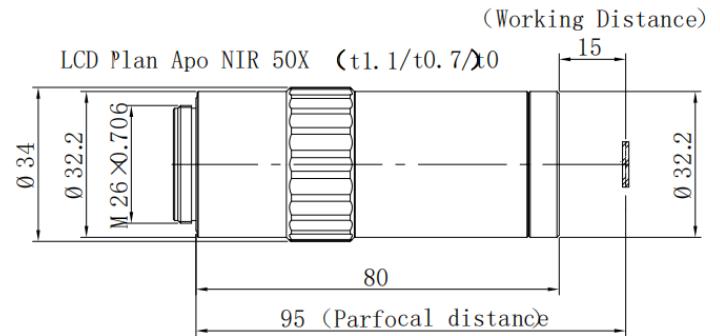
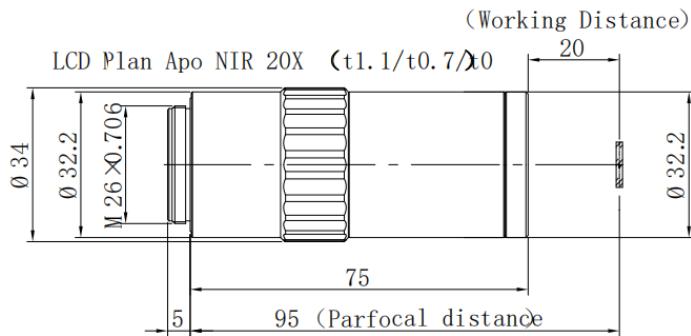


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Overview

Introduction:

- 95mm parfocal long working distance (infinite conjugate)
- Chromatic aberration correction in the visible spectrum
- Supports coaxial observation of the processed surface with 532nm and 1030 - 1064nm lasers
- Replaceable protective lens mount adapts to cover glass with t=0/0.7/1.1



Explore Series

Model	NA	±D.F	24 Eyepiece Field of View	WD
VL Plan Apo NIR 20X (t0)	0.4	1.7um	1.2mm	20mm
VL Plan Apo NIR 20X (t0.7)	0.4	1.7um	1.2mm	20mm
VL Plan Apo NIR 20X (t1.1)	0.4	1.7um	1.2mm	20mm
VL Plan Apo NIR 50X (t0)	0.45	1.4um	0.48mm	15mm
VL Plan Apo NIR 50X (t0.7)	0.45	1.4um	0.48mm	15mm
VL Plan Apo NIR 50X (t1.1)	0.45	1.4um	0.48mm	15mm

 Get in touch with our team to explore configurations, request a quote, or learn more about customized solutions tailored to your needs.

Let us help you move science forward—faster and smarter.

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