



Magnification	100x
Numerical Aperture	1.45
Free Working Distance [mm]	0.11
Coverglass Thickness [mm]	0.17
Thread Type	M27x0.75
Immersion	Oil
Field of View [mm]	23
Parfocal Length [mm]	45.06
Long Distance	
Correction Ring	
Iris	
Optical System	Infinity Color Corrected System (ICS)
Flatness	***
Color Correction	****

Biomedical Applications

Fluorescence	■
- Multichannel	****
- Ultraviolet Transmission	*****
- Infra Red Transmission	***
BrightField	■
DIC [Differential Interference Contrast]	****
High Contrast DIC	■
PlasDIC	
Phase Contrast	
VAREL Contrast	
Hoffman Modulation Contrast	
Polarization Contrast	

Materials (Reflected Light) Applications

BrightField	
BrightField/DarkField	
Reflected Light DIC	
High Contrast DIC	■
DIC with circular polarized light	
Total Interference Contrast	
Polarization Contrast	

Options

Definite Focus.2	
Confocal Microscopy	■
- Ultra Violet	****
- VIS (visible light)	****
- NLO-IR / 2 Photon	***
Total Internal Reflection Fluorescence	■
Apotome	■
Microdissection	■