



Magnification	40x
Numerical Aperture	1.1
Free Working Distance [mm]	0.62 at cover glass 0.17
Coverglass Thickness [mm]	0.14 - 0.19
Thread Type	M27x0.75
Immersion	Water
Field of View [mm]	25
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	