

7A007 LENS SPECIFICATION

Parameter	Design Value
Wavelength range (nm)	Multi-Wavelength 365/385/405 nm
Object Radius	12.6mm
Numerical Aperture	0.2 (F2.5)
Magnification	2.52001
Telecentricity - Image Space	7.54 mrad
Telecentricity - Object Space	3.03 mrad
Distortion	0.005%
Transmission	75%
Housing envelope	92mm
Front working distance (mm from object plane)	78.827mm
Back working distance (mm from image plane)	45.077mm
Total track length (object to image)	457.24mm
TIR Prism Thickness	42.5mm
TIR Prism Material	Fused silica
Storage conditions	10°C~ 40°C (RH < 50%)

