

Technical Specification for Infrared (NIR) Micro-objective Lens

We need 10x Infrared (NIR) Micro-objective Lens (3 pcs) and 20x Infrared (NIR) Micro-objective Lens (1 pc). Detailed specifications are given below:

Component	Quantity	Specifications	
10x Infrared (NIR) Micro-objective Lens	3	Operating wavelength	1550 nm
		Magnification	10X
		Numerical aperture (NA)	> 0.3
		Working distance (WD)	> 30 mm
		Transmittance for 1550nm	> 70%
		Focal length (f)	20 mm
		Focal depth	> ±3 μm
		Pupil diameter	> 12.0 mm
		Laser Damage Threshold (Laser Pulse width: 10ns, Pulse Repetition-Rate: 20Hz)	0.2J/cm ² at 1064nm
20x Infrared (NIR) Micro-objective Lens	1	Operating wavelength	1550 nm
		Magnification	20X
		Numerical aperture (NA)	> 0.4
		Working distance (WD)	> 20 mm
		Transmittance for 1550nm	> 70%
		Focal length (f)	10 mm
		Focal depth	> ±1.5 μm
		Pupil diameter	> 8.0 mm
		Laser Damage Threshold (Laser Pulse width: 10ns, Pulse Repetition-Rate: 20Hz)	0.2J/cm ² at 1064nm

The bid should be accompanied with detailed product specifications and relevant datasheets supporting the compliance with the required specifications