

Optional Accessories

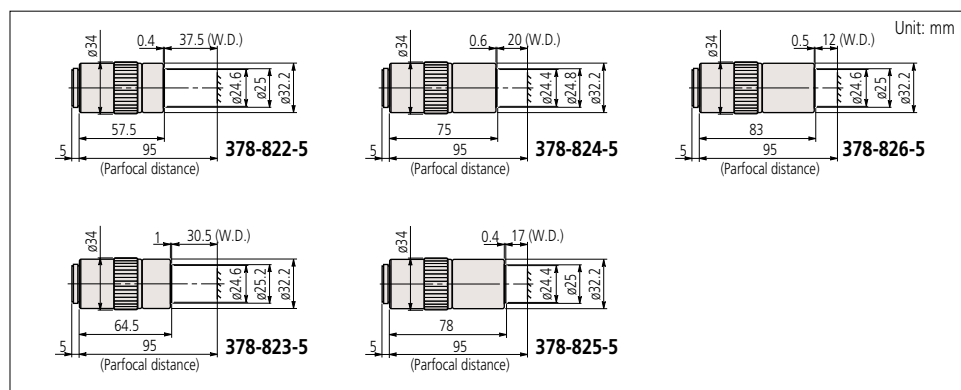
Objectives for Measuring Microscopes

Near-Infrared Corrected

M Plan Apo NIR for Bright Field Observation

Code No.	Magnification	Numerical aperture	Working distance (mm)	Focal distance (mm)	Resolving power (μm)	Focal depth (μm)	View field 1*1 (mm)	View field 2*2 (mm)	Mass (g)	Price
378-822-5	5X	0.14	37.5	40	2.0	14	∅4.8	0.96 x 1.28	220	£570.00
378-823-5	10X	0.26	30.5	20	1.1	4.1	∅2.4	0.48 x 0.64	250	£952.00
378-824-5	20X	0.40	20	10	0.7	1.7	∅1.2	0.24 x 0.32	300	£1900.00
378-825-5	50X	0.42	17	4	0.7	1.6	∅0.48	0.10 x 0.13	315	£1900.00
378-826-5	100X	0.50	12	2	0.6	1.1	∅0.24	0.05 x 0.06	335	£2380.00
378-863-5	50X	0.65	10	4	0.42	0.65	∅0.48	0.10 x 0.13	450	£5440.00
378-864-5	100X	0.70	10	2	0.39	0.56	∅0.24	0.05 x 0.06	450	£5650.00

*1 Field of view when using ∅24 mm eyepiece, *2 Field of view when using 1/2" CCD camera.

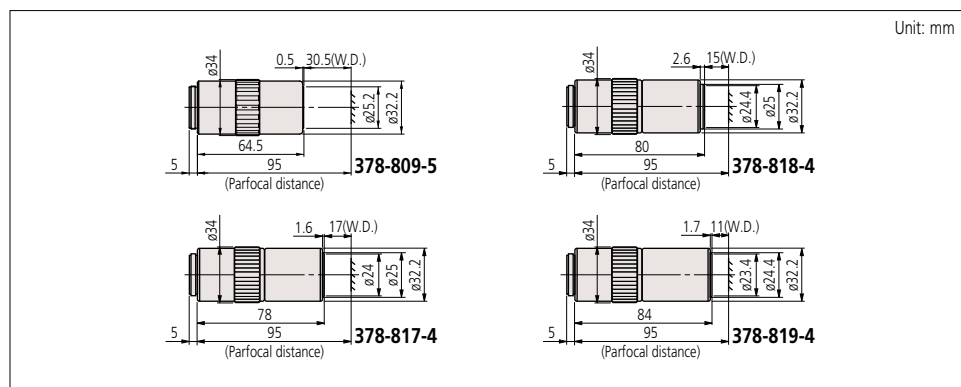


Near-Ultraviolet Corrected

M Plan Apo NUV for Bright Field Observation

Code No.	Magnification	Numerical aperture	Working distance (mm)	Focal distance (mm)	Resolving power (μm)	Focal depth (μm)	View field 1*1 (mm)	View field 2*2 (mm)	Mass (g)	Price
378-809-5	10X	0.28	30.5	20	1.0	3.5	∅2.4	0.48 x 0.64	255	£2730.00
378-817-4	20X	0.40	17	10	0.7	1.7	∅1.2	0.24 x 0.32	340	£3950.00
378-818-4	50X	0.42	15	4	0.7	1.6	∅0.48	0.10 x 0.13	350	£3950.00
378-819-4	100X	0.50	11	2	0.6	1.1	∅0.24	0.05 x 0.06	380	£4390.00
378-888-4	50X	0.65	10	4	0.42	0.65	∅0.48	0.10 x 0.13	500	£9690.00

*1 Field of view when using ∅24 mm eyepiece, *2 Field of view when using 1/2" CCD camera.



Note:

These objectives are designed so that a workpiece's image can be focussed within the focal depth even when the wavelength used is changed anywhere from the visible range (λ = 480 nm) up to near-infrared range (λ = 1800 nm). Therefore the M Plan NIR Series are suitable for laser repair. However, when the wavelength used exceeds 1100 nm, the focussing position may slightly deviate from that in the visible range due to changes in glass dispersion and refractive index.

Note:

These objectives are designed so that a workpiece's image can be focussed within the focal depth even when the wavelength used is changed anywhere from the visible range (λ = 620 nm) to the near-ultraviolet range (λ = 355 nm). Therefore The M Plan NUV Series are suitable for laser repair using a high frequency laser beam.