

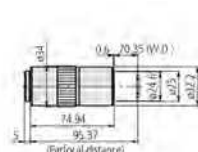
LCD Plan Apo NIR and M Plan Apo NUV

Series 378

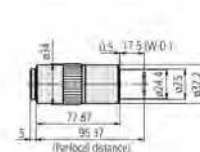
Specifications

Abbreviations in product table

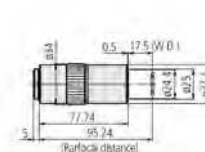
Mag. : Magnification
 Mag./glass thickness : thickness
 N.A. : Numerical aperture
 W.D. : Working distance
 f : Focal distance
 R : Resolving power
 D.F. : Focal depth
 F.O.V. 1 : Field of view when using
 ø24 mm eyepiece
 F.O.V. 2 : Field of view when using
 1/2" CCD camera



378-827-5



378-828-5



378-829-5

Near-infrared wavelength and LCD Glass Thickness Corrected

LCD Plan Apo NIR for Bright Field Observation

Compatible with microscope types VMU / FS-70

Note : W.D. is just measured in air, not through an LCD glass

No.	Mag./glass thickness (mm)	N.A.	W.D.	f	R	D.F.	F.O.V. 1	F.O.V. 2	Mass g
378-827-5*	20X/t1.1	0.40	19,98 mm	10 mm	0,7 µm	1,7 µm	ø1,2 mm	0,24x0,32 mm	305
378-828-5	50X/t1.1	0.42	17,13 mm	3,9 mm	0,7 µm	1,6 µm	ø0,48 mm	0,10x0,13 mm	320
378-829-5*	50X/t0.7	0.42	17,26 mm	3,9 mm	0,7 µm	1,6 µm	ø0,48 mm	0,10x0,13 mm	320
378-752-5	100X/t1.1	0.50	12,13 mm	2 mm	0,6 µm	1,1 µm	ø0,24 mm	0,05x0,06 mm	335
378-754-5*	100X/t0.7	0.50	11,76 mm	2 mm	0,6 µm	1,1 µm	ø0,24 mm	0,05x0,06 mm	335

M Plan Apo NUV

Note :

These objective lenses are designed so that the image of a workpiece remains focused within the focal depth even when the wavelength used is changed from within the visible range down to the near-ultraviolet (620 to 355 nm). Therefore The M Plan NUV Series are suitable for laser repair using a short wavelength laser beam.



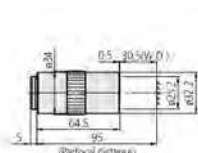
Refer to the Microscope Units and Objective lenses brochure

Near-ultraviolet wavelength Corrected

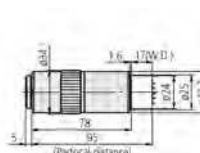
M Plan Apo NUV for Bright Field Observation

Compatible with microscope types VMU / FS-70

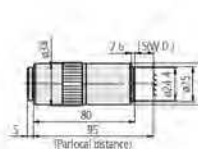
No.	Mag.	N.A.	W.D.	f	R	D.F.	F.O.V. 1	F.O.V. 2	Mass g
378-809-5*	10X	0.28	30,5 mm	20 mm	1 µm	3,5 µm	ø2,4 mm	0,48x0,64 mm	255
378-817-4	20X	0.40	17,0 mm	10 mm	0,7 µm	1,7 µm	ø1,2 mm	0,24x0,32 mm	340
378-818-4	50X	0.42	15,0 mm	4 mm	0,7 µm	1,6 µm	ø0,48 mm	0,10x0,13 mm	350
378-888-4*	50X	0.65	10,00 mm	4 mm	0,42 µm	0,65 µm	ø0,48 mm	0,10x0,13 mm	500
378-819-4	100X	0.50	11,0 mm	2 mm	0,6 µm	1,1 µm	ø0,24 mm	0,05x0,06 mm	380



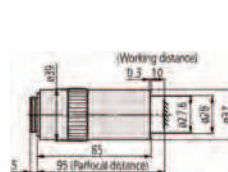
378-809-5



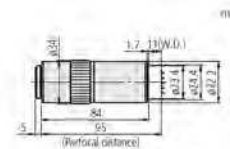
378-817-4



378-818-4



378-888-4



378-819-4