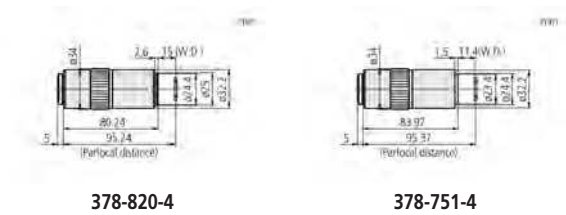


LCD Plan Apo NUV and M Plan UV

Series 378

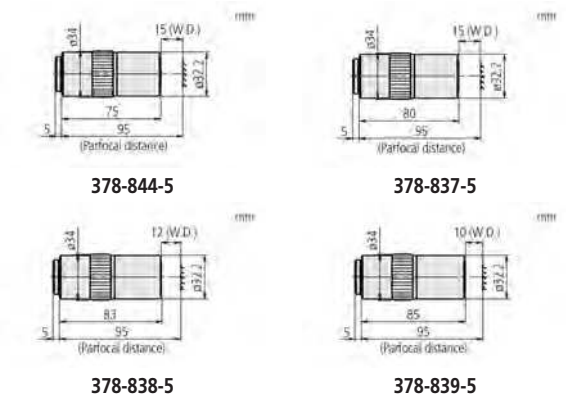


Near-ultraviolet wavelength and LCD Glass Thickness Corrected
 LCD Plan Apo NUV for Bright Field Observation
 Compatible with microscope types VMU / FS-70
 Note : For 378-820-4, W.D. is just measured in air, not through an LCD glass

No.	Mag./glass thickness (mm)	N.A.	W.D.	f	R	D.F.	F.O.V. 1	F.O.V. 2	Mass g
378-753-4*	50X/t1,1	0.42	14,53 mm	4 mm	0,7 μm	1,6 μm	ø0,48 mm	0,10x0,13 mm	310
378-820-4	50X/t0,7	0.42	14,76 mm	4 mm	0,7 μm	1,6 μm	ø0,48 mm	0,10x0,13 mm	310
378-751-4*	100X/t1,1	0.50	11,03 mm	2 mm	0,6 μm	1,1 μm	ø0,24 mm	0,05x0,06 mm	380

Ultraviolet wavelengt Corrected
 M Plan UV 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
378-844-5*	10X	0.25	20 mm	20 mm	1,1 μm	4,4 μm	ø2,4 mm	0,48x0,64 mm	310
378-837-5*	20X	0.36	15,0 mm	10 mm	0,8 μm	2,1 μm	ø1,2 mm	0,24x0,32 mm	330
378-838-5	50X	0.40	12,0 mm	4 mm	0,7 μm	1,7 μm	ø0,48 mm	0,10x0,13 mm	400
378-839-5*	80X	0.55	10,0 mm	2,5 mm	0,5 μm	0,9 μm	ø0,3 mm	0,06x0,08 mm	380



Specifications
 Abbreviations in product table
 Mag. : Magnification
 Mag./glass thickness : Magnification/ 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

M Plan UV
 Note :
 These ultraviolet corrected objective lenses are designed so that a 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 ultraviolet (550 to 266 nm).
 Therefore the M Plan UV Series are suitable for laser repair using a short wavelength laser beam.



Refer to the Microscope Units and Objective Lenses brochure