

Near-infrared radiation range objectives for bright field observation

M Plan Apo NIR

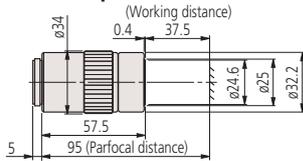
VMU FS70 FS300 FS110 VM-ZOOM



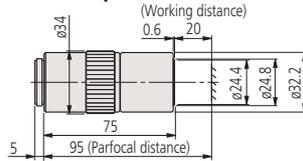
- Features**
- > Infinity corrected
 - > Suitable for bright field observation and laser applications
 - > Long working distance
 - > Plan-Apochromat
 - > Wavelength correction from visible to near-infrared (1800nm)
 - > Available high-power type (M Plan Apo NIR HR)

Dimensions

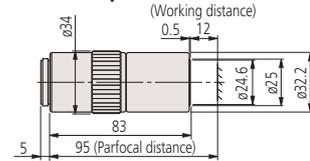
M Plan Apo NIR 5X



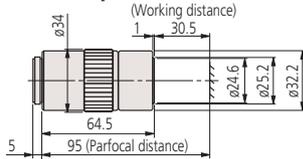
M Plan Apo NIR 20X



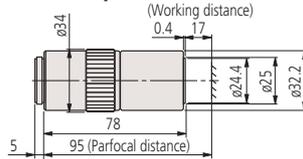
M Plan Apo NIR 100X



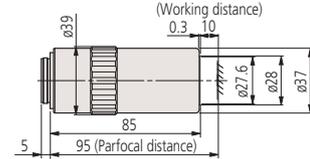
M Plan Apo NIR 10X



M Plan Apo NIR 50X



M Plan Apo NIR HR 50X/100X



Specifications

Note: If the wavelength used is 1100nm or longer, the focal point may deviate slightly from that in visible radiation.

Order No.	Mag.	N.A.	W.D. (mm)	f (mm) (λ=550nm)	R (μm) (λ=550nm)	±DOF (μm)	Real FOV (mm)		Mass (g)
							ø24 eyepiece	1/2" camera	
378-822-5	5X	0.14	37.5	40	2.0	14.0	ø4.8	0.96x1.28	220
378-823-5	10X	0.26	30.5	20	1.1	4.1	ø2.4	0.48x0.64	250
378-824-5	20X	0.40	20.0	10	0.7	1.7	ø1.2	0.24x0.32	300
378-825-5	50X	0.42	17.0	4	0.7	1.6	ø0.48	0.10x0.13	315
378-826-5	100X	0.50	12.0	2	0.6	1.1	ø0.24	0.05x0.06	335
378-863-5	50X	0.65	10.0	4	0.4	0.7	ø0.48	0.10x0.13	450
378-864-5	100X	0.70	10.0	2	0.4	0.6	ø0.24	0.05x0.06	450