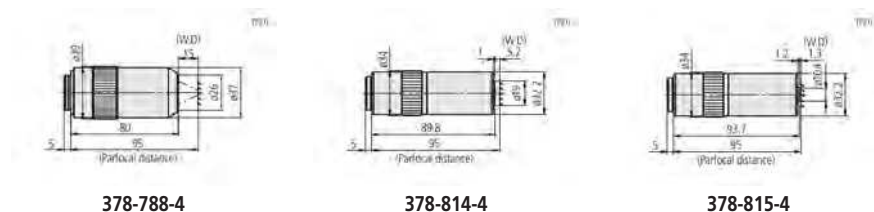


# M Plan Apo HR and G Plan Apo

## Series 378



### M Plan Apo HR for Bright Field Observation

Compatible with microscope types VMU / FS-70 / MF-U / Hyper MF-U

Note : These objectives offer extra-high resolving power.

| No.       | Mag. | N.A. | W.D.   | f     | R           | D.F.         | F.O.V. 1       | F.O.V. 2     | Mass g |
|-----------|------|------|--------|-------|-------------|--------------|----------------|--------------|--------|
| 378-788-4 | 10X  | 0.42 | 15 mm  | 20 mm | 0,7 $\mu$ m | 1,6 $\mu$ m  | $\phi$ 2,4 mm  | 0,48x0,64 mm | 460    |
| 378-814-4 | 50X  | 0.75 | 5,2 mm | 4 mm  | 0,4 $\mu$ m | 0,49 $\mu$ m | $\phi$ 0,48 mm | 0,10x0,13 mm | 400    |
| 378-815-4 | 100X | 0.90 | 1,3 mm | 2 mm  | 0,3 $\mu$ m | 0,34 $\mu$ m | $\phi$ 0,24 mm | 0,05x0,06 mm | 410    |

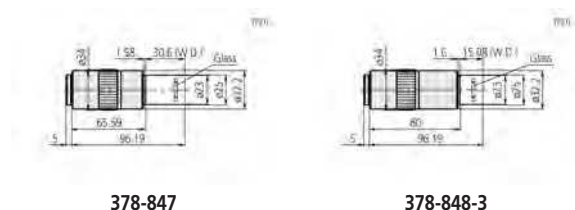
### Glass Thickness Corrected

### G Plan Apo for Bright Field Observation

Compatible with microscope types VMU / FS-70 / MF-U / Hyper MF-U

Note : The G Plan Apo Series are designed for observing a workpiece through glass (thickness : 3,5 mm).

| No.       | Mag. | N.A. | W.D.     | f     | R           | D.F.        | F.O.V. 1       | F.O.V. 2     | Mass g |
|-----------|------|------|----------|-------|-------------|-------------|----------------|--------------|--------|
| 378-847   | 20X  | 0.28 | 29,42 mm | 10 mm | 1,0 $\mu$ m | 3,5 $\mu$ m | $\phi$ 1,2 mm  | 0,24x0,32 mm | 270    |
| 378-848-3 | 50X  | 0.50 | 13,89 mm | 4 mm  | 0,6 $\mu$ m | 1,1 $\mu$ m | $\phi$ 0,48 mm | 0,10x0,13 mm | 320    |



## Specifications

### Abbreviations in product table

Mag. : Magnification  
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  $\phi$ 24 mm eyepiece  
F.O.V. 2 : Field of view when using 1/2" CCD camera



Refer to the Microscope Units and Objective Lenses brochure