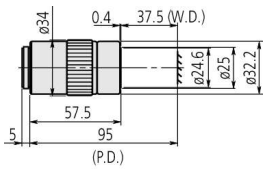
Mitutoyo

M Plan Apo NIR 5X

Item number: 378-822-5



Description

Features

- Infinity Corrected
- Suitable for Bright Field Inspection and Laser Applications
- Long Working Distance
- High Quality Plan Apochromat Design
- Wavelength Correction from Visible to Near Infrared (1800 nm)

High-Power Type availabel (M Plan Apo NIR HR)

Features

Model:	**M Plan Apo NIR 5X**
Magnification:	**5x**
N.A.:	**0.14**
W.D.:	**37.5 mm**
f:	**40 mm**
P.D.:	**95 mm**
R:	**2 mm**
D.F.:	**14 µm**
FOV 1:	**ø4.8 mm**
FOV 2:	**0,96x1,28 mm**
Mass:	**220 g**
Abbreviations in product table:	**N.A.: Numerical aperture** **W.D.: Working distance** **P.D.: Parfocal distance** **f: Focal distance** **R: Resolving power** **D.F.: Depth of field** **FOV 1: Field of view when using ø24 mm eyepiece** **FOV 2: Field of view when using a digital camera with 1/2" chip size**
M Plan Apo NIR:	**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 up to the near-infrared (480 to 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 deviate slightly from that in the visible range due to changes in glass dispersion and refractive index.**
Functions:	**Near-infrared wavelength Corrected M Plan Apo NIR for Bright Field Observation** **Compatible with microscope types VMU / FS-70**
Working distance:	**In Air: 37,5 mm**

Corrected Wave Length:	**480-1800 nm**