

50X Mitutoyo Plan Apo NIR B Infinity Corrected Objective

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50X Mitutoyo Plan Apo NIR B Infinity Corrected Objective, #89-351

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Compatible Cover Glass Thickness (mm):
N/A

Design Wavelength DWL (nm):
532, 1064

Horizontal Field of View, 1/2" Sensor:
0.13mm

Horizontal Field of View, 2/3" Sensor:
0.18mm

Focal Length FL (mm): 4.00
Model Number: 378-868-5
Length excluding Threads (mm): 69.50
Magnification: 50X
Maximum Diameter (mm): 37
Maximum Sensor Format: 2/3"
Numerical Aperture NA: 0.42
Mounting Threads: M26 x 36 TPI
Compatible Tube Lens Focal Length (mm): Focal Length: 200mm
Type: Microscope Objective
Resolving Power (μm): 0.7
Depth of Field (μm): 1.60
Field of View, 24 Diameter Field Eyepiece (mm): 0.48
Field of View, 18 Diameter Field Eyepiece (mm): 0.36
Operating Temperature (°C): -5 to +45
Operating Humidity: 20 - 80%
Working Distance (mm): 25.5
Weight (g): 315.00
Note: Enhanced transmission for the fundamental and second harmonic of Nd:YAG laser (1064nm and 532nm). Example Application: cutting and trimming of semiconductor wafer and circuits
Wavelength Range (nm): 420 - 1064
Style: Infinity Corrected
Manufacturer: Mitutoyo
Parfocal Length (mm): 95
Immersion Liquid: N/A

Regulatory Compliance

RoHS 2015: Exempt
Certificate of Conformance: View
Reach 240: Contains SVHC(s)