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G Plan Apo 20X Objective

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C\$7,756⁰⁰

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Product Downloads

General	
378-847	Model Number:
Compatible Tube Lens Focal Length (mm): Focal Length: 200mm	
Microscope Objective	Type:
Infinity Corrected	Style:
Mitutoyo	Manufacturer:

Physical & Mechanical Properties	
65.60	Length excluding Threads (mm):
34	Maximum Diameter (mm):
270.00	Weight (g):
Optical Properties	
3.5	Compatible Cover Glass Thickness (mm):
0.32mm	Horizontal Field of View, 1/2" Sensor:
0.44mm	Horizontal Field of View, 2/3" Sensor:
10.00	Focal Length FL (mm):
20X	Magnification:
0.28	Numerical Aperture NA:
1.0	Resolving Power (μm):
3.50	Depth of Field (μm):
1.20	Field of View, 24 Diameter Field Eyepiece (mm):
29.42 (30.60 through compatible cover glass)	Working Distance (mm):
436 - 656	Wavelength Range (nm):
96.19	Parfocal Length (mm):
N/A	Immersion Liquid:

Sensor

2/3"	Maximum Sensor Format:
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Threading & Mounting

M26 x 36 TPI	Mounting Threads:
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Environmental & Durability Factors

+5 to +40	Operating Temperature (°C):
20 - 80%	Operating Humidity:

Regulatory Compliance

Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

Product Details

- Infinity Corrected, Plan Apochromatic Designs
- Can Observe Objects through 3.5mm Thick Glass
- Ultra-Long Working Distances
- Image into Vacuum Cells, Optical Traps, Cold Atoms

Mtutoyo Glass Thickness-Compensated Infinity Corrected Objectives are ideal for imaging through glass in a variety of [brightfield inspection microscopy applications](#), including inspecting LCDs, semiconductors, or flat screen television monitors, or for imaging into a vacuum. These G Plan APO objectives can also be used in a range of life science applications, such as imaging through a coverslip or mediums like agar, water, or nutrients. Mtutoyo Glass Thickness-Compensated Infinity Corrected Objectives feature excellent color reproducibility and a flat image surface over the entire field of view.

Technical Information

G Plan Apo 20X

(Working distance): Glass thickness 3.5mm

