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20X T1.1 Mitutoyo LCD Plan Apo NIR Infinity Corrected Objective

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1

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€3.720⁰⁰

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General	
378-827-16	Model Number:
Compatible Tube Lens Focal Length (mm): Focal Length: 200mm	
Microscope Objective	Type:

Infinity Corrected	Style:
Mitutoyo	Manufacturer:
1.1mm thick LCD cover-glass Example Application: High magnification inspection through liquid crystal glass (LCD) or cutting and trimming of semiconductor wafer and circuits	Note:

Physical & Mechanical Properties

75.00	Length excluding Threads (mm):
34	Maximum Diameter (mm):
305.00	Weight (g):

Optical Properties

1.1	Compatible Cover Glass Thickness (mm):
532, 1064	Design Wavelength DWL (nm):
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:
0.40	Numerical Aperture NA:
0.7	Resolving Power (μm):
1.70	Depth of Field (μm):
1.2	Field of View, 24 Diameter Field Eyepiece (mm):
0.9	Field of View, 18 Diameter Field Eyepiece (mm):
19.98	Working Distance (mm):
480 - 1800	Wavelength Range (nm):
95.37	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 +45	Operating Temperature (°C):
20 - 80%	Operating Humidity:
23 ±2	Performance Assurance Temperature (°C):

Regulatory Compliance

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

