

[See all 23 Products in Family](#)

# 1.00X Objective, 44mm WD

See More by [Infinity Photo-Optical Company](#)



InfiTube FM-200 (1X), #58-310



Stock #55-403 **2 In Stock**

- 1 + MRP ₹29,736

● Price inclusive of all taxes

**ADD TO CART**

### Volume Pricing

Qty 1+	₹29,736 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

### General

Lens Accessory **Type:**

### Optical Properties

1X **Primary Magnification PMAG:**

44.00 Working Distance (mm):

## Sensor

2/3" Maximum Sensor Format:

## Regulatory Compliance

Compliant RoHS 2015:

Compliant Reach 224:

View Certificate of Conformance:

United States Country of Origin:

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

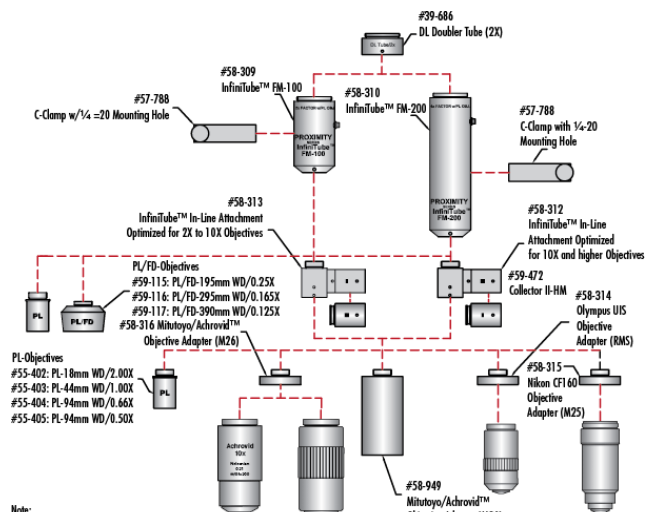
## Product Details

- Direct to Video C-Mount for 2/3" and Smaller Sensor Cameras
- Internal Focusing

InfiniTube™ FM Systems are used to mount infinite-conjugate objectives to C-mount cameras, yielding magnifications not possible with ordinary video lenses, such as 50X magnification. The InfiniTube™ system can be configured in a variety of fashions. It can be utilized alone (InfiniTube™ #58-310 or #58-309) for applications where illumination is provided from another source such as a backlight or directional illumination. The InfiniTube™ FM Systems can also be configured for in-line illumination with attachments. The first in-line attachment (#58-313) has been designed for high performance with objectives having a magnification of 10X or below and is not suggested for use with higher magnification objectives. The second in-line attachment (#58-312) has been designed to work with increased efficiency when used with magnifications of 10X or higher, but can be utilized with all magnifications. All in-line attachments accept our [Fiber Optic Light Guides](#) with a 0.312" tip diameter.

**Note:** [Standard system](#) for 2/3" sensors still available.

## Technical Information



Note:  
The PL-Series Objectives are specifically designed to be used directly (no adapters required) with the InfiniTube™ FM-Series Main Bodies

All PL-Series Objectives are amplified by 2X (InfiniTube™ FM-100) or 4X (InfiniTube™ FM-200) their engraved initial power ratings.

A DL 2X Tube can be used atop InfiniTube™ FM-Series Main Bodies to further amplify magnification by a 2X factor.

System Includes	Stock No.
InfiniTube In-Line Assembly Unit	#58-311
Hitachi KP-D20B Camera	#55-837
15.1" Diagonal LCD Monitor (US version only)	#56-522
Y-C Cable (6 ft.)	#39-255
Mitutoyo/Achrovid™ Objective Adapter	#58-316
M-150 Fiber Optic Illuminator	#55-718
Fiber Optic Light Guide (48" L)	#39-367
Fiber Optic Adapter	#38-944
Standard Boom Stand	#54-120
Rack & Pinion Mounting Plate	#54-123
C-Clamp with 1/4-20 Mounting Hole	#57-788

