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0.83X Objective, 55mm WD

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



Stock **#88-934** **1 In Stock**

⊖ 1 ⊕ £224.⁰⁰

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Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1+ | £224.00 each |
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Lens Accessory **Type:**

Optical Properties

0.83X **Primary Magnification PMAG:**

Working Distance (mm):

55.00

Sensor

Maximum Sensor Format:

2/3"

Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

Certificate of Conformance:

[View](#)

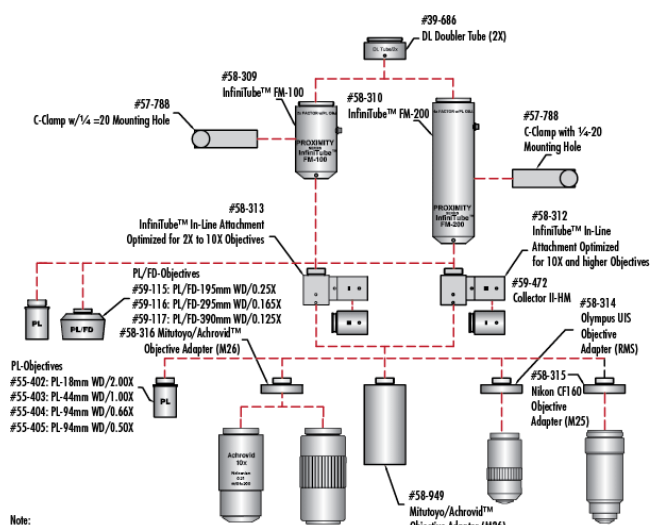
Product Details

- 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 |
| Mitoyo/Achrovid™ Objective Adapter | #58-316 |
| MI-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 |