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## InfiniTube FM-100 (0.5X)

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



Stock **#58-309** **1 In Stock**

⊖ 1 ⊕ €835<sup>00</sup>

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### Volume Pricing

Qty 1+	€835,00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

Fixed Magnification Lens **Type:**

### Optical Properties

Objective Required **Primary Magnification PMAG:**

## Sensor

Maximum Sensor Format:

2/3"

## Threading & Mounting

Mount:

C-Mount

## Regulatory Compliance

RoHS 2015:

Compliant

Reach 224:

Compliant

Certificate of Conformance:

[View](#)

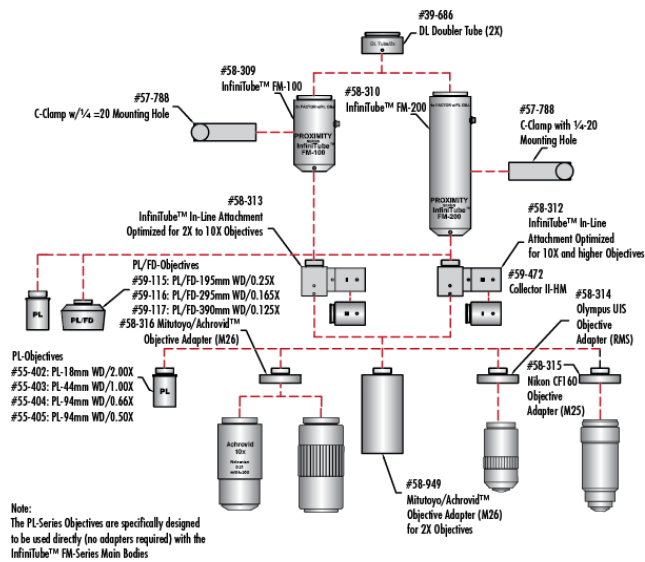
## Product Details

- 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	<a href="#">#58-311</a>
Hitachi KP-D20B Camera	<a href="#">#55-837</a>
15.1" Diagonal LCD Monitor (US version only)	<a href="#">#56-522</a>
Y-C Cable (6 ft.)	<a href="#">#39-255</a>
Mitutoyo/Achrovid™ Objective Adapter	<a href="#">#58-316</a>
M-150 Fiber Optic Illuminator	<a href="#">#55-718</a>
Fiber Optic Light Guide (48" L)	<a href="#">#39-367</a>
Fiber Optic Adapter	<a href="#">#38-944</a>
Standard Boom Stand	<a href="#">#54-120</a>
Rack & Pinion Mounting Plate	<a href="#">#54-123</a>
C-Clamp with 1/4-20 Mounting Hole	<a href="#">#57-788</a>