

DIN Objective to C-mount Tube Assembly



#54-868

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1

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C\$264⁶⁰

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Physical & Mechanical Properties

132.50

Length excluding Threads (mm):

30.0

Maximum Diameter (mm):

Threading & Mounting

C-Mount

Mount:

Mounting Threads: 0.7965" dia., 36 TPI, 55° Whitworth	
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 224:
View	Certificate of Conformance:

Product Details

- Integrate Objective with C-Mount Camera or DIN Eyepiece
- Compatible with DIN Standard Objectives
- Objective and Eyepiece Not Included

Single Tube DIN Microscopes allow DIN standard objectives to be used directly with either a DIN eyepiece or a C-mount camera. Tubes are the appropriate length for DIN standard. Any DIN objective can be mounted to either tube. Single Tube DIN Microscopes have two models to fit different applications. Model [#54-869](#) allows a DIN standard eyepiece to be used with the objective to make an ocular microscope. Model [#54-868](#) allows the DIN objective to be mounted to a C-mount camera and achieve a primary magnification equal to the magnification of the objective. The field of view of the video system is equal to the sensor size divided by the magnification of the objective. For example, a 4X objective will yield a horizontal field of view of 1.6mm on a ½" sensor. [Objectives and eyepieces](#) are not included with tube assemblies.

The optional mounting ring allows mounting to a ¼-20 screw. Mounting ring ([#52-930](#)) and ¼-20 fine focus rack and pinion mount ([#54-794](#)) are recommended for mounting to boom stands and workstation bases.