

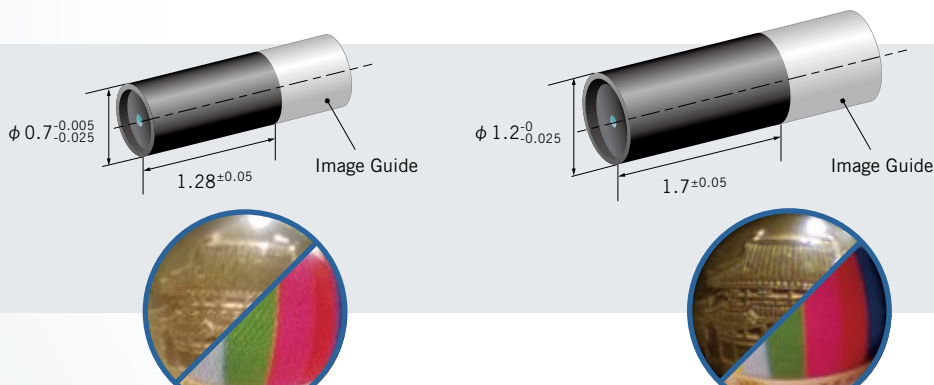
Endoscope Lens



Sumita Image Guide Lens

The small lens units are suitable for small image bundles

The Sumita Image Guide Lens has a wide angle of view 110 degrees. We also offer image bundles with lens units already assembled to it.



/ Specifications

Model	SEL110-007	SEL110-012
Maximum Image Circle	$\phi 0.55\text{mm}$	$\phi 0.9\text{mm}$
Angle of view	$110^\circ \pm 5^\circ$	$116^\circ \pm 5^\circ$
Focal depth	5mm - 40mm	
F number	3	3.5
Distortion	37.5%	36.0%
Outer diameter	$\phi 0.7\text{mm}^{+0.005/-0.025}$	$\phi 1.2\text{mm}^{+0/-0.025}$
Length	$1.28\text{mm} \pm 0.05$	$1.7\text{mm} \pm 0.05$
Material	SUS	
Corresponding IB	Active area equal to or less than 0.55 mm	Active area equal to or less than 0.9 mm
IB active area and angle of view (designed value)	<ul style="list-style-type: none"> • IB active area of $\phi 0.50$ mm typically gives an angle of view of 96° • IB active area of $\phi 0.45$ mm typically gives an angle of view of 83° • IB active area of $\phi 0.40$ mm typically gives an angle of view of 72° 	<ul style="list-style-type: none"> • IB active area of $\phi 0.8$ mm typically gives an angle of view of 101° • IB active area of $\phi 0.7$ mm typically gives an angle of view of 87° • IB active area of $\phi 0.6$ mm typically gives an angle of view of 73°

- IB: Image Bundles/Guides
- Please contact us regarding availability of custom sizes/specifications.

For information on Sumita's Image Bundles/Guides, see page 7 of this brochure.