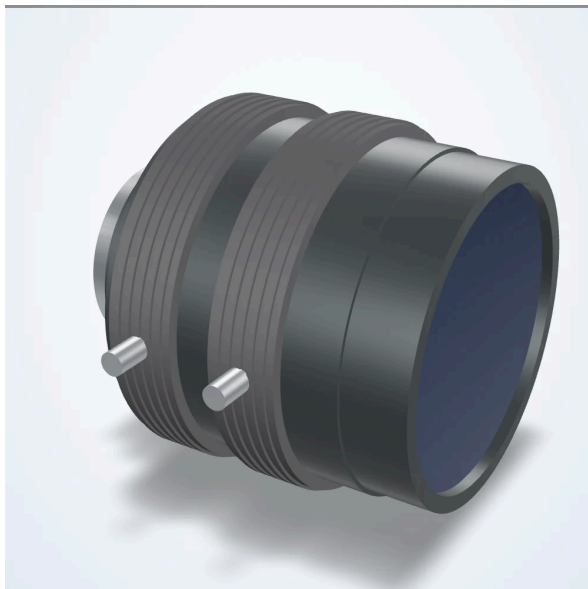


50 mm lens, 1", C-Mount

LS-FFL-0200 series · Machine vision lenses · 1 model

50 mm lens,
1", C-Mount.
Minimum
object
distance
500 mm.
Aperture
f/1.4 to f/16.
Rendered
illustration:
the actual
product
may differ in
appearance.



Common specifications

Front Diameter	35 mm
Image Circle Diameter	16 mm
Image Size Dimensions	12.8 mm x 9.6 mm
Lens Type	Fixed Focal Length
Light Spectrum	SWIR
Resolution (Line Pairs / mm @ Center)	120
Resolution (Line Pairs / mm @ Corner)	80
Focal length (mm)	50
Aperture (F)	1.4-16
Max. sensor format	1"
Minimum object distance (m)	0.5
Angle of view	H 14.5 x V 10.8 deg (D 18.0 deg)
Distortion	0.05% (TV)
Filter thread	M40.5x0.5
Mount	C
Weight (g)	210
Dimensions (dia. x length, mm)	49 x 48
Picture size (largest format)	9.6x12.8mm
Flange back	17.526mm in air
Back focus	14.8mm in air
Front/rear effective dia.	Front 35.0mm / Rear 15.5mm
Exit pupil	-44.4mm