

TECHSPEC® 50mm f/4.0, HPr Series Fixed Focal Length Lens



50mm HPr Series Fixed Focal Length Lens

Stock #36-534 [CONTACT US](#)

1 **₹43,065**

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Horizontal Field of View, 1.2" Sensor:
26.6mm - 7.3°

Iris Option:
Fixed

Length (mm):
72.58

Horizontal Field of View, 1/2" Sensor:
26.6mm - 7.3°

Horizontal Field of View, 2/3" Sensor:

36.6mm - 10.1°

Filter Thread:
M37.5 x 0.50 (Female)

Maximum Diameter (mm):
41.74

Horizontal Field of View, 1/3" Sensor:
19.9mm - 5.5°

Maximum Rear Protrusion (mm):
0

Horizontal Field of View, 1" Sensor:
53.4mm - 14.6°

Maximum Image Circle (mm):
17.60

Numerical Aperture NA, Object Side:
0.0268

Horizontal Field of View @ Max Sensor Format:
72mm - 19°

Horizontal Field of View, 4/3" Sensor:
72mm - 19°

Horizontal Field of View, 1.1" Sensor:
59.3mm - 16.2°

Number of Elements (Groups):
7 (5)

Horizontal Field of View, 1/1.8" Sensor:
29.9mm - 8.2°

Horizontal Field of View, 1/2.5" Sensor:
24.1mm - 6.6°

Optimized Sensor Format:
1"

Type:
Fixed Focal Length Lens

Focal Length FL (mm):
50.00

Primary Magnification PMAQ:
0.241

Maximum Sensor Format:
4/3"

Working Distance (mm):
200 - ∞

Mount:
C-Mount

Aperture (f/#):
f/4

Coating:
λ/4 MgF₂

Coating Specification:
λ/4 MgF₂

Entrance Pupil Position (mm):
30.94

Horizontal Field of View, 1/4" Sensor:
14.9mm - 4.1°

Object Space Principal Plane (mm):
55.37

Image Space Principal Plane (mm):
-27.42

Field of View at Max Sensor Format:
Horizontal: 72.3mm - 19.6°
Vertical: 54mm - 14.8°
Diagonal: 90.9mm - 24.4°

Maximum Distortion (%):
-0.21

Exit Pupil Position (mm):
-75.19

Optimized Working Distance (mm):
200 - ∞

Lens Wavelength Range:
VIS

Storage Temperature (°C):
-20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS:
Compliant

Certificate of Conformance:

[View](#)
