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TECHSPEC 1:1.33 with 75mm and 100mm EFL Achromats, NIR Achromatic Pair

TECHSPEC Mounted Near-IR (NIR) Achromatic Lens Pairs

Stock **#47-301** CONTACT US

- 1 + **€274**.00

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Volume Pricing	
Qty 1-5	**€274,00** each
Qty 6-25	**€219,00** each
Qty 26-49	**€212,00** each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:

Relay Lens

Physical & Mechanical Properties

Clear Aperture CA (mm):

22.0

Center Air Spacing (mm):

5.05

Housing Diameter (mm):
30.0 +0.0/-0.10

Housing Length (mm):
34.00 ±0.2

Image Distance (mm):
89.50

Construction:
Achromat Pair in Anodized Aluminum Housing

Optical Properties

Substrate:
N-LAK22 / N-SF6 / N-LAK22 / N-SF6

Surface Quality:
40-20

Working f/#:
f/4.55

Coating:
NIR II (750-1550nm)

Coating Specification:
R_{abs} ≤1.5% @ 750 - 800nm
R_{abs} ≤1.0% @ 800 - 1550nm
R_{avg} ≤0.7% @ 750 - 1550nm

Effective Focal Length EFL A (mm):
75.00

Effective Focal Length EFL B (mm):
100.00

Magnification:
1:1.33

Object Distance (mm):
64.24

Wavelength Range (nm):
750 - 1550

Regulatory Compliance

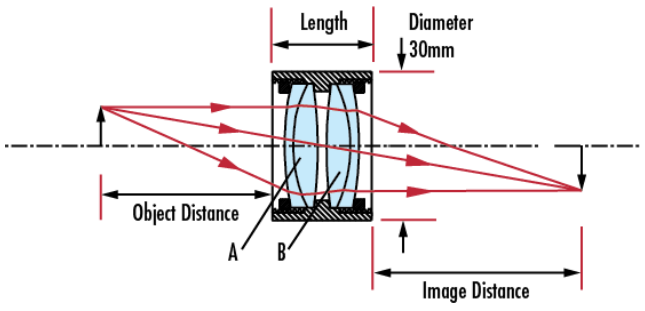
Certificate of Conformance:
View

Product Details

- 30mm Diameter Package Designed for NIR Applications
- Optimized for Various Magnification Ratios
- Ideal for Integration into OEM Applications
- NIR II Coated for 750-1550nm

Our 15.0mm and 30.0mm Mounted Achromatic Pairs combine our popular TECHSPEC® achromats into common configurations used for relay and projection applications. Packaged in a slim-line aluminum housing, each pair is ready for integration into a host of OEM applications, eliminating the need to handle loose optics. Each lens has also been oriented for optimum system performance. All lenses AR coated. Lower f/# pairs may not be ideal for imaging applications depending on the performance requirements. Cylinder lenses can be incorporated into empty barrels in order to generate lines or sheets of light.

Technical Information



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