

6μm λ/4 MWIR Zero Order Waveplate



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1

+

₹77,461

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Qty 1-9	₹77,461 each
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General

Type:

Crystalline Waveplate

Physical & Mechanical Properties

Clear Aperture CA (mm):

10.0

Diameter (mm):

25.40

Parallelism (arcmin):

3

Crystalline	Construction:
Optical Properties	
6000	Design Wavelength DWL (nm):
MgF ₂	Substrate: ☐
λ/4	Retardance:
60-40	Surface Quality:
<λ/8 @ 632.8nm	Transmitted Wavefront, P-V:
λ/100 @ 20°C	Retardance Tolerance:
0	Retardance Order:
Threading & Mounting	
6.0	Mount Thickness (mm):
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 247:
China	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Ideal for Applications in the 3 – 9µm Range
- λ/4 and λ/2 Retardance
- Mounted for Easy Alignment and System Integration

Our zero order Mid-Wave Infrared (MMIR) and Long-Wave Infrared (LWIR) Waveplates are designed for applications in the 3 – 9µm wavelength range. When compared to multiple order waveplates, zero order waveplates provide increased bandwidth and lower sensitivity to temperature change. These waveplates are available with λ/4 or λ/2 retardance in a range of wavelengths, offer efficient retardation over broad spectral ranges, and are ideal for a variety of infrared (IR) applications. Each MMIR and LWIR waveplate is anti-reflection coated, and has been mounted to ease system integration.

Technical Information

