

3μm λ/2 MWIR Zero Order Waveplate



Stock #85-117 [CONTACT US](#)

- 1 + MRP ₹1,05,431

Price inclusive of all taxes

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Volume Pricing

Qty 1-9	₹1,05,431 each
Qty 10+	₹94,333 each
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General

Crystalline Waveplate **Type:**

Physical & Mechanical Properties

10.0 **Clear Aperture CA (mm):**

25.40 **Diameter (mm):**

Parallelism (arcmin):

Crystalline **Construction:**

Optical Properties

3000 **Design Wavelength DWL (nm):**

MgF₂ **Substrate:**

$\lambda/2$ **Retardance:**

60-40 **Surface Quality:**

$\lambda/8$ @ 632.8nm **Transmitted Wavefront, P-V:**

$\lambda/100$ @ 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:**

Lithuania **Country of Origin:**

Imported By:
 Edmund Optics India Private Limited
 267, Greystone Building, Second Floor,
 6th Cross Rd, Binnamangala,
 Stage 1, Indiranagar, Bengaluru,
 Karnataka, India 560038
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Product Details

- Ideal for Applications in the 3 – 7 μ m Range
- $\lambda/4$ and $\lambda/2$ Retardance
- Mounted for Easy Alignment and System Integration

Our zero order Mid-Wave Infrared (MMIR) Waveplates are designed for applications in the 3 – 7 μ m 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 $\lambda/4$ or $\lambda/2$ 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 waveplate is anti-reflection coated, and has been mounted to ease system integration.

Technical Information



