

6μm λ/2 MWIR Zero Order Waveplate



Stock #85-120 **1 In Stock**

A\$1,728⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-9	A\$1,728.00 each
Qty 10+	A\$1,560.00 each
Need More?	Request Quote

Product Downloads

General

Crystalline Waveplate **Type:**

Physical & Mechanical Properties

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

25.40 **Diameter (mm):**

3 **Parallelism (arcmin):**

Crystalline

Construction:

Optical Properties

6000 **Design Wavelength DWL (nm):**

MgF₂ **Substrate:**

λ/2 **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:**

Product Details

- Ideal for Applications in the 3 – 7μm Range
- λ/4 and λ/2 Retardance
- Mounted for Easy Alignment and System Integration

Our zero order Mid-Wave Infrared (MMR) Waveplates are designed for applications in the 3 – 7μm 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 MMR waveplate is anti-reflection coated, and has been mounted to ease system integration.

Technical Information

