

12.7mm Dia. 632.8nm $\lambda/4$ Quartz Waveplate Multiple Order



Stock **#85-077** **3 In Stock**

- 1 + €269⁰⁰

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Volume Pricing	
Qty 1-5	€269,86 each
Qty 6+	€218,36 each
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Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Crystalline Waveplate **Type:**

Physical & Mechanical Properties

8.00	Clear Aperture CA (mm):
12.70 +0.00/-0.25	Diameter (mm):
6.40 +0.00/-0.25	Thickness (mm):
Crystalline	Construction:
<3	Parallelism (arcsec):

Optical Properties

Laser V-Coat (632.8nm)	Coating:
632.8	Design Wavelength DWL (nm):
Crystal Quartz	Substrate: <input type="checkbox"/>
N4	Retardance:
10-5	Surface Quality:
N/10 for central 80% of clear aperture	Transmitted Wavefront, P-V:
±N/200	Retardance Tolerance:
0.0015	Temperature Coefficient (λ°C):
Multiple Order	Retardance Order:

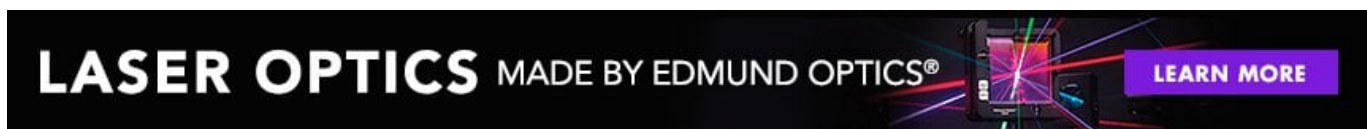
Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 240:

PRODUCT DETAILS

- Zero Order and Multiple Order Waveplates
- N4 and N2 Retardance
- Mounted in Black Anodized Aluminum Frame
- [Zero Order Polymer Waveplates](#) Also Available

Quartz Waveplates (Retarders) are available in multiple order and zero order. These waveplates are ideal for a range of applications. Multiple order waveplates are ideal for applications where the wavelength deviates less than ±1% from the design wavelength of the waveplate. For applications with a greater than ±1% deviation, zero order waveplates are recommended due to their increased bandwidth and lower sensitivity to temperature change. Quartz Waveplates (Retarders) have the fast axis marked on the edge of the mount to ease system integration.



TECHNICAL INFORMATION

