

4-Axis Mount for M27x1

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4-Axis Flat Top Beam Shaper Mount M27

Stock **#15-473** **9 In Stock**

-

1

+

€937^{,30}

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Volume Pricing	
Qty 1-4	€937,30 each
Qty 5-10	€844,60 each
Qty 11+	€793,10 each
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ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Note:
Flat Top Beam Shaper Inner Mounting Thread: M27

Physical & Mechanical Properties

	Dimensions (mm):
66 x 66 x 34	
	Weight (g):
320	

Threading & Mounting

	Mounting Threads:
M6, 5 positions M27 x 1	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 250:
Compliant	

PRODUCT DETAILS

- Convert Gaussian Beam Profile to Flat Top Profile
 - Near 100% Efficiency
 - No Internal Focusing Enables High Power Laser Input
 - [AdlOptica Focal-πShaper Q Flat Top Beam Shapers](#) Also Available
- AdlOptica πShaper (piShaper) Flat Top Beam Shapers are refractive field mapping optical systems that convert collimated Gaussian input beams into collimated flat top beams with a uniform intensity distribution and flat phase front. Due to the field mapping optical design, the even intensity distribution of the converted beam is stable over great distances making it ideally suitable for holography, microscopy, and system integration. With no internal focusing, they are also the perfect solution in applications such as material micromachining, welding, and engraving that require high power lasers. These AdlOptica πShaper Flat Top Beam Shapers are offered in common YAG, fiber laser, and CO2 laser sources, operating over a defined wavelength range for laser tuning. Achromatic versions are designed to be used with multiple laser sources.
- Note:** Focusing a flat-top beam after a πShaper results in loss of the flat top profile. [AdlOptica Focal-πShaper Q Flat Top Beam Shapers](#) are available for applications that require a focused flat top spot.



TECHNICAL INFORMATION

Example of beam shaping for TEM₀₀ Laser

