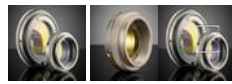


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# 355 & 532nm, 2.5-4mm Dia. Input Beam, Focal Flat Top Beam Shaper | Focal- $\pi$ Shaper\_NUV\_Q-3

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Stock #25-847 [CONTACT US](#)

⊖ 1 ⊕ C\$5,425<sup>00</sup>

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## Product Downloads

### General

Model Number:  
Focal- $\pi$ Shaper\_NUV\_Q-3

Type:  
Beam Shaper

Compatible Adapter:

### Physical & Mechanical Properties

29.00	Length (mm):
50	Weight (g):
20	Clear Aperture CA (mm):
42.00	Diameter (mm):
2.5 - 4	Input Beam Diameter, 1/e <sup>2</sup> (mm):

### Optical Properties

>99	Transmission (%):
355, 532	Design Wavelength DWL (nm):
355 - 532	Wavelength Range (nm):
TEM <sub>00</sub>	Input Beam Mode:
<1.5	Typical Input Beam Mode Quality, M <sup>2</sup> :
±20	Input Beam Divergence (mrad):

### Electrical

0.1	Maximum Input Power, CW (kW):
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### Threading & Mounting

M30 x 0.75	Inner Thread:
M30 x 0.75	Outer Thread:

### Regulatory Compliance

<a href="#">Compliant</a>	RoHS 2015:
<a href="#">View</a>	Certificate of Conformance:
<a href="#">Compliant</a>	Reach 250:

## Product Details

- Shapes Gaussian Beams to Airy Disk Profile
- Airy Disk is Focusable to Flat Top Spot
- Near 100% Efficiency
- [AdlOptica piShaper Flat Top Beam Shapers](#) Also Available

AdlOptica Focal-πShaper (piShaper) Q Flat Top Beam Shapers are used to transform Gaussian beams to flat-top profiles after focusing through a lens. This is accomplished by transforming the Gaussian beam to airy disk profiles immediately after the piShaper. These beam shapers feature a compact design with inner and outer threading, making them easy to integrate into equipment. AdlOptica Focal-πShapers are advantageous for beam shaping in micromachining applications, including scribing and PCB drilling, as well as micro-welding applications. Multiple models are available at Nd:YAG, Ti:Sapphire, and Infrared wavelengths with compatible input beam diameters as small as 2.5mm and up to 23mm.

## Technical Information

