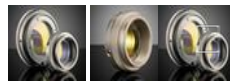


[See all 32 Products in Family](#)

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

See More by [AdiOptica](#)



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

- 1 + £2,790<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-4	£2,790.00 each
Qty 5+	£2,488.00 each
Need More?	<a href="#">Request Quote</a>

! Prices shown are exclusive of VAT/local taxes

## Product Downloads

### General

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

Beam Shaper **Type:**

[#12-322](#)

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,  $1/e^2$  (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):

## Threading & Mounting

M30 x 0.75 Inner Thread:

M30 x 0.75 Outer Thread:

## Regulatory Compliance

[Compliant](#) RoHS 2015:

[View](#) Certificate of Conformance:

[Compliant](#) Reach 250:

## Product Details

- Shapes Gaussian Beams to Airy Disk Profile
- Airy Disk is Focusable to Flat Top Spot
- Near 100% Efficiency
- [AdlOptica πShaper 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

