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# 355 & 532nm, 4-6mm Dia. Input Beam, Focal Flat Top Beam Shaper | Focal $\pi$ Shaper\_NUV\_Q-5

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Stock #12-238 [CONTACT US](#)

⊖ 1 ⊕ £2,790<sup>00</sup>

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Volume Pricing	
Qty 1-4	£2,790.00 each
Qty 5-10	£2,510.00 each
Qty 11+	£2,373.00 each
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ⓘ Prices shown are exclusive of VAT/local taxes

## Product Downloads

## General

**Model Number:**  
πShaper\_NUV\_Q-5

Beam Shaper	Type:
<a href="#">#12-322</a>	Compatible Adapter:
<b>Physical &amp; Mechanical Properties</b>	
29.00	Length (mm):
50	Weight (g):
20	Clear Aperture CA (mm):
42.00	Diameter (mm):
4 - 6	Input Beam Diameter, 1/e <sup>2</sup> (mm):
<b>Optical Properties</b>	
>99	Transmission (%):
355, 532	Design Wavelength DWL (nm):
335 - 560	Wavelength Range (nm):
TEM <sub>0</sub>	Input Beam Mode:
<1.5	Typical Input Beam Mode Quality, M <sup>2</sup> :
±20	Input Beam Divergence (mrad):
<b>Electrical</b>	
0.2	Maximum Input Power, CW (kW):
<b>Threading &amp; Mounting</b>	
M30 x 0.75	Inner Thread:
M30 x 0.75	Outer Thread:
<b>Regulatory Compliance</b>	
<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 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

