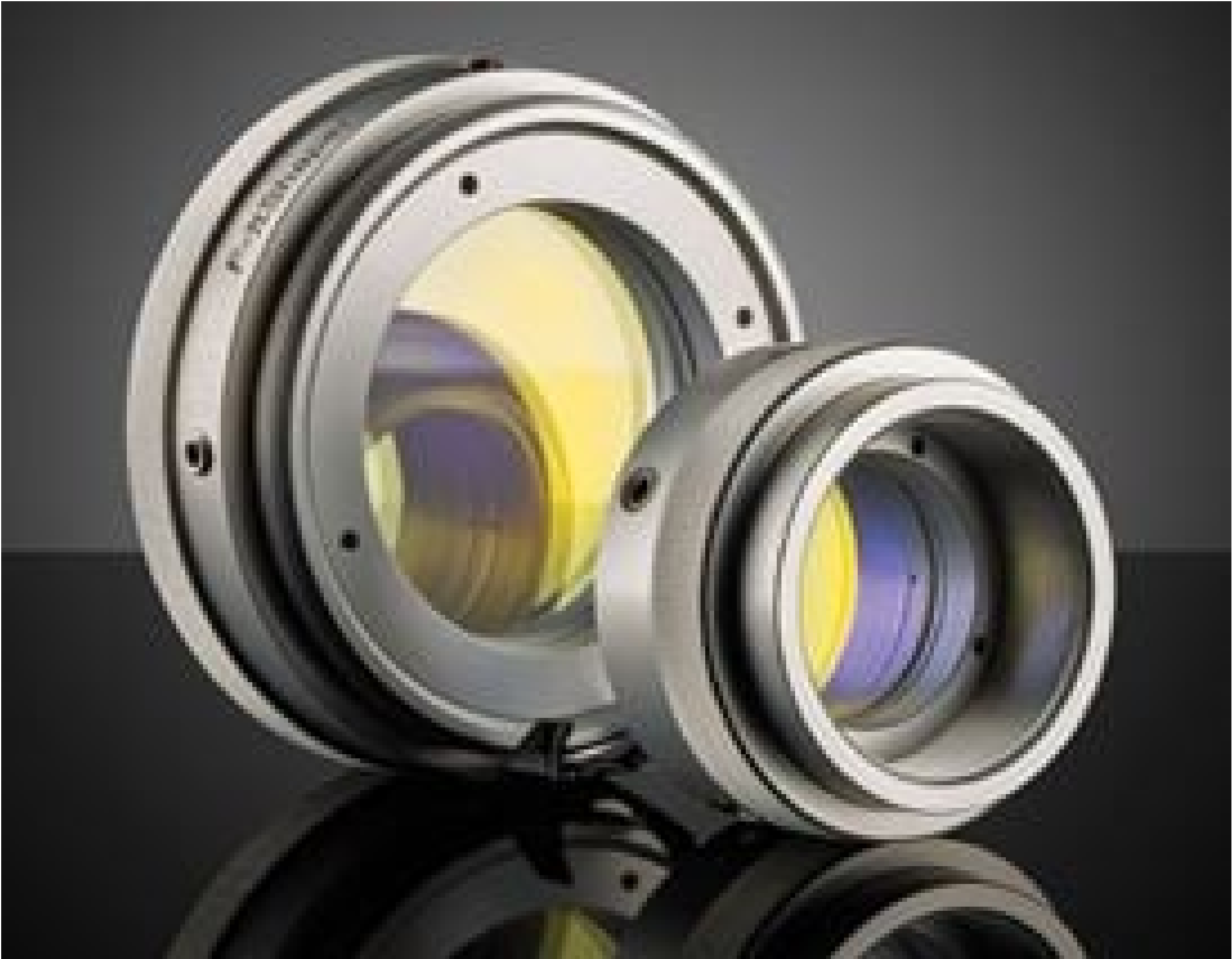


355 & 532nm, 3-5mm Dia. Input Beam, Focal Flat Top Beam Shaper | Focal- π Shaper_NUV_Q-4

See More by [AdlOptica](#)



Stock

#25-848

1 In Stock

-

1

+

€3.491⁷⁰

ADD TO CART

Volume Pricing	
Qty 1-4	€3.491,70 each
Qty 5+	€3.110,60 each
Need More?	Request Quote

!

Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General	
Focal- π Shaper_NUV_Q-4	Model Number:
Beam Shaper	Type:
#12-322	Compatible Adapter:
Physical & Mechanical Properties	
20	Clear Aperture CA (mm):
42.00	Diameter (mm):
29.00	Length (mm):
50	Weight (g):
3 - 5	Input Beam Diameter, 1/e ² (mm):
Optical Properties	
355, 532	Design Wavelength DWL (nm):
>99	Transmission (%):
355 - 532	Wavelength Range (nm):
TEM ₀₀	Input Beam Mode:
<1.5	Typical Input Beam Mode Quality, M ² :
±20	Input Beam Divergence (mrad):
Electrical	
0.1	Maximum Input Power, CW (kW):
Threading & Mounting	
M30 x0.75	Inner Thread:
M30 x0.75	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 \$\pi\$ Shaper Flat Top Beam Shapers](#) Also Available

AdlOptica Focal- π Shaper (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- π Shapers 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

