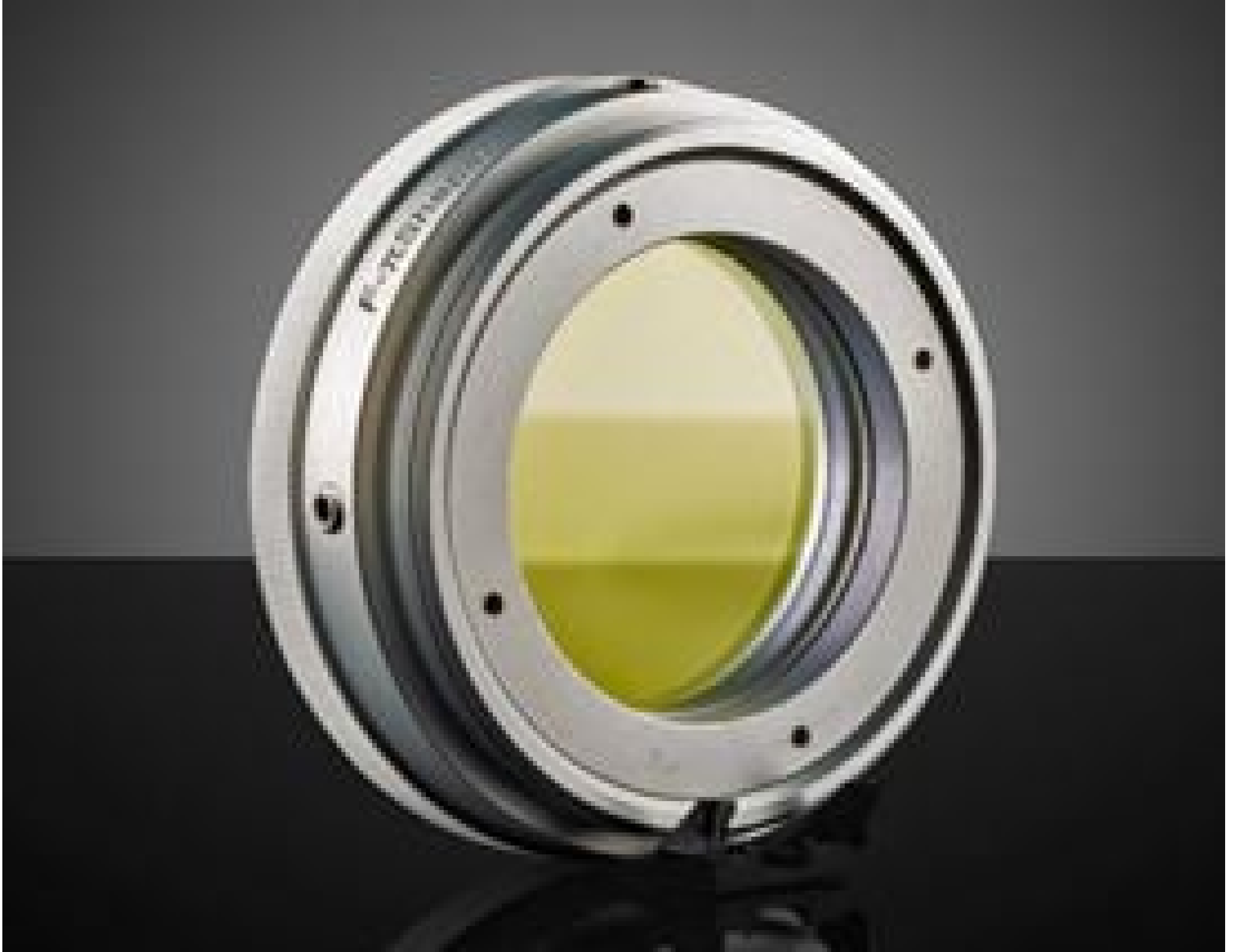


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# 1064nm, 18-23mm Dia. Input Beam, Focal Flat Top Beam Shaper | Focal πShaper\_1064\_Q-20

See More by [AdiOptica](#)



Focal Flat Top Beam Shaper



Stock #12-237 **1 In Stock**

MRP ₹3,35,516

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-4	₹3,35,516 each
Qty 5-10	₹3,01,582 each
Qty 11+	₹2,85,332 each
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Product Downloads

## General

Model Number:

πShaper\_1064\_Q-20

Beam Shaper **Type:**

**Compatible Adapter:**  
#12-323

## Physical & Mechanical Properties

Length (mm):  
21.00

Weight (g):  
70

Clear Aperture CA (mm):  
38

Diameter (mm):  
64.00

Input Beam Diameter,  $1/e^2$  (mm):  
18 - 23

## Optical Properties

Transmission (%):  
>99

Design Wavelength DWL (nm):  
1064

Wavelength Range (nm):  
1020 - 1100

Input Beam Mode:  
TEM<sub>00</sub>

Typical Input Beam Mode Quality, M<sup>2</sup>:  
<1.5

Input Beam Divergence (mrad):  
±20

## Electrical

Maximum Input Power, CW (kW):  
0.4

## Threading & Mounting

Inner Thread:  
M58 x 1

Outer Thread:  
M58 x 1

## Regulatory Compliance

RoHS 2015:  
[Compliant](#)

Certificate of Conformance:  
[View](#)

Reach 250:  
[Compliant](#)

Country of Origin:  
Germany

Imported By:  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91-80-6845 0000

## 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

