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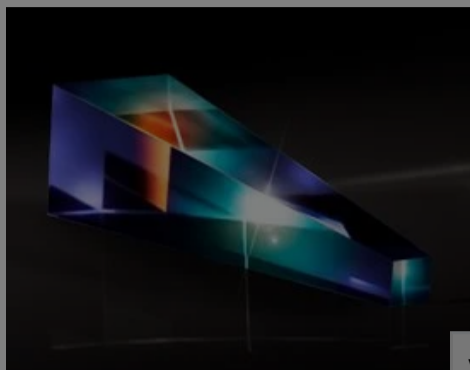
TECHSPEC®

2.5mm 2X, 50mm

Please select your shipping country to view the most accurate inventory information, and to determine the correct Edmund Optics sales office for your order.

Select Your Country/Region: European Union

Submit



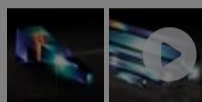
Stock #63-103 **20+ In Stock**

1

€174⁰⁰

ADD TO CART

TECHSPEC® Tapered Light Pipe Homogenizing Rods



Volume Pricing

Qty 1-5 €174,00 each

Qty 6-25 €139,00 each

Qty 26-99 €132,00 each

Need More? [Request Quote](#)

Prices shown are exclusive of VAT/local taxes

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: Light Pipe

Physical & Mechanical Properties

Length (mm): 50.00

Parallelism (arcmin): 5.00

Length Tolerance (mm): ±0.3

Light Source NA: Standard

Optical Properties

Coating: Uncoated

Entrance Aperture (mm): 2.5 x 2.5

Exit Aperture (mm): 5 x 5

Substrate: [N-BK7](#)

Magnification: 2X

Surface Quality: 60-40

Aperture Tolerance (mm): ±0.10

Image Orientation: Light Homogenization

Wavelength Range (nm): 350 - 2200

Surface Flatness (P-V): 1λ

Regulatory Compliance

RoHS 2015: **Compliant**

Reach 209: **Compliant**

Need different specifications?

Edmund Optics offers comprehensive custom manufacturing capabilities to meet your specific requirements. Whether in the prototyping phase or ready for volume production, our experienced engineers are here to assist—from concept to completion.

Our capabilities include:

- Custom dimensions, materials, coatings, and more
- High-precision surface quality and flatness
- Tight tolerances and complex geometries
- Scalable production—from prototype to volume

Learn more about our [custom manufacturing capabilities](#) or submit an inquiry [here](#).

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Application
s. Our experienced

Product Details

- Homogenizes Light Output
- Reduces Output NA
- Perfect for LED Sources
- Additional [Light Pipe Homogenizing Rods](#) Available

TECHSPEC® Tapered Light Pipe Homogenizing Rods utilize total internal reflection to homogenize non-uniform light sources regardless of their spectral characteristics. These rods are perfect for use with LED sources. The Numerical Aperture (NA) of the light output is reduced proportionally to the magnification, allowing significant reduction in NA of the output light. TECHSPEC® Tapered Light Pipe Homogenizing Rods are available in both 2X and 3X magnifications. The uncoated rods are offered in Standard or Low NA Tapered Light Pipes.

[Tapered Light Pipe Homogenizing Rod Mounts](#), specifically designed to hold our TECHSPEC® Tapered Light Pipe Homogenizing Rods, are available; these mounts greatly simplify the handling and integration of these components.

Technical Information

Accessories

Note: Compatible accessories for individual stock numbers may vary. If unsure about which accessories work with your products, please contact us [here](#).

	Title	Compare	Stock Number	Price	Buy
MORE+	2.5mm Entrance 5mm Exit, 50mm Long, Tapered Light Pipe Mount		#64-923	€138,00 Volume Pricing Request Quote	5 In Stock <input type="text" value="1"/>
MORE+	2.5mm Entrance 7.5mm Exit, 50mm Long, Tapered Light Pipe Mount		#64-924	€138,00 Volume Pricing Request Quote	4 In Stock <input type="text" value="1"/>
MORE+	2.5mm Entrance 5mm Exit, 100mm Long, Tapered Light Pipe Mount		#67-401	€157,00 Volume Pricing Request Quote	5 In Stock <input type="text" value="1"/>
MORE+	2.5mm Entrance 7.5mm Exit, 100mm Long, Tapered Light Pipe Mount		#67-402	€157,00 Volume Pricing Request Quote	5 In Stock <input type="text" value="1"/>
MORE+	4mm Entrance 8mm Exit, 50mm Long, Tapered Light Pipe Mount		#67-403	€138,00 Volume Pricing Request Quote	5 In Stock <input type="text" value="1"/>
MORE+	4mm Entrance 8mm Exit, 100mm Long, Tapered Light Pipe Mount		#64-925	€157,00 Volume Pricing Request Quote	CONTACT US <input type="text" value="1"/>

Frequently Purchased Together



#01-307 - 25,400 Lines/Inch,
2" Square Card, 15/Pack,
Holographic Diffraction
Grating Film
€28,50

Qty

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Select Your Country/Region:



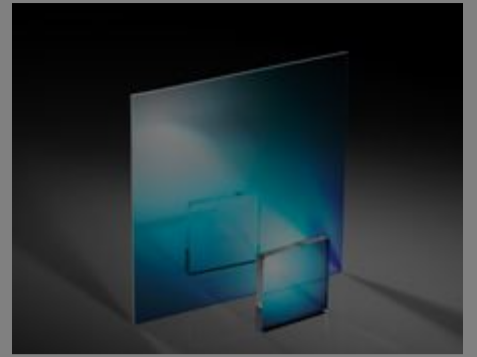
#02-533 - 750µm, Optical Grade
Plastic Optical Fiber Unjacketed
€1,75

Qty



#02-551 - 2000µm with 1 Fiber,
Optical Grade Plastic Light Guide
€5,50

Qty



#32-269 - 20 x 27mm, 50R/50T,
Plate Beamsplitter
€56,50

Qty

Resources

Media Type

- Application Note
- Video
- Glossary
- FAQ

APPLICATION NOTE

How to Select
the Right Light
Pipe
Homogenizin...

VIDEO

Light Pipe
Overview

GLOSSARY

Light Pipe
Homogenizing
Rod

GLOSSARY

Transmission

? FAQ

How do I clean
my optics?

GLOSSARY

Surface
Quality