

[All Products](#) / [Optics](#) / [Fiber Optics](#)

# Fiber Optic Image Conduits



- Fused Glass Optical Fiber Rods with Ground and Polished Faces
- Coherent Arrangement of Fibers Relays Images
- Rigid Rods Bend Under Heat to Almost Any Orientation

## Common Specifications

### General

Packing Fraction (%):	100.00
-----------------------	--------

### Physical & Mechanical Properties

Diameter Tolerance (inches):	±0.010
------------------------------	--------

Length Tolerance (inches):	±0.030
----------------------------	--------

### Optical Properties

Transmission (%):	35 - 45
-------------------	---------

Index of Refraction ( $n_d$ ) - Core:	1.58	Wavelength Range (nm):	350 - 1500
--	------	------------------------	------------

### Material Properties

Transformation Temperature (°C):	704.00
----------------------------------	--------

### Environmental & Durability Factors

Operating Temperature (°C):	454.00
-----------------------------	--------

## Technical Information

# Products

Title	Stock Number	Price	Buy
25.4mm High Resolution Image Conduit with 12µm Fibers	<a href="#">#53-839</a>	€167,00 <a href="#">Volume Pricing</a>	3 In Stock
76.2mm High Resolution Image Conduit with 12µm Fibers	<a href="#">#53-840</a>	€191,00 <a href="#">Volume Pricing</a>	20+ In Stock
152.4mm High Resolution Image Conduit with 12µm Fibers	<a href="#">#38-301</a>	€191,00 <a href="#">Volume Pricing</a>	5 In Stock
304.8mm High Resolution Image Conduit with 12µm Fibers	<a href="#">#38-302</a>	€337,00 <a href="#">Volume Pricing</a>	3 In Stock
25.4mm High Resolution Image Conduit with 24µm Fibers	<a href="#">#53-841</a>	€216,00 <a href="#">Volume Pricing</a>	1 In Stock
76.2mm High Resolution Image Conduit with 24µm Fibers	<a href="#">#53-842</a>	€301,00 <a href="#">Volume Pricing</a>	3 In Stock
152.4mm High Resolution Image Conduit with 24µm Fibers	<a href="#">#38-303</a>	€407,00 <a href="#">Volume Pricing</a>	1 In Stock
304.8mm High Resolution Image Conduit with 24µm Fibers	<a href="#">#38-304</a>	€670,00 <a href="#">Volume Pricing</a>	Contact Us
25.4mm Standard Res Image Conduit with 25µm Fibers	<a href="#">#53-843</a>	€123,00 <a href="#">Volume Pricing</a>	8 In Stock
76.2mm Standard Res Image Conduit with 25µm Fibers	<a href="#">#53-844</a>	€142,00 <a href="#">Volume Pricing</a>	20+ In Stock
152.4mm Standard Res Image Conduit with 25µm Fibers	<a href="#">#38-305</a>	€155,00 <a href="#">Volume Pricing</a>	6 In Stock
304.8mm Standard Res Image Conduit with 25µm Fibers	<a href="#">#38-306</a>	€254,00 <a href="#">Volume Pricing</a>	5 In Stock
25.4mm Standard Res Image Conduit with 50µm Fibers	<a href="#">#53-845</a>	€167,00 <a href="#">Volume Pricing</a>	1 In Stock
76.2mm Standard Res Image Conduit with 50µm Fibers	<a href="#">#53-846</a>	€191,00 <a href="#">Volume Pricing</a>	4 In Stock
152.4mm Standard Res Image Conduit with 50µm Fibers	<a href="#">#40-642</a>	€216,00 <a href="#">Volume Pricing</a>	5 In Stock
304.8mm Standard Res Image Conduit with 50µm Fibers	<a href="#">#40-643</a>	€368,00 <a href="#">Volume Pricing</a>	1 In Stock

25.4mm Standard Res Image Conduit with 100µm Fibers	<a href="#">#53-847</a>	€167,00 <a href="#">Volume Pricing</a>	5 In Stock
76.2mm Standard Res Image Conduit with 100µm Fibers	<a href="#">#53-848</a>	€257,00 <a href="#">Volume Pricing</a>	1 In Stock
152.4mm Standard Res Image Conduit with 100µm Fibers	<a href="#">#38-307</a>	€288,00 <a href="#">Volume Pricing</a>	2 In Stock
304.8mm Standard Res Image Conduit with 100µm Fibers	<a href="#">#38-308</a>	€507,00 <a href="#">Volume Pricing</a>	7 In Stock



Copyright 2025 | Edmund Optics BV, De Maas 22B, 5684 PL Best, The Netherlands  
Phone: 1-800-363-1992 :  
[www.edmundoptics.com](http://www.edmundoptics.com)