

152.4mm Standard Res Image Conduit with 25μm Fibers

#38-305



해당 제품은 광택 처리가 된 한쪽 단면에서 반대편으로 이미지를 투과시킵니다. 제품을 공간에 맞게 구부리거나 그대로 사용할 수 있어 손실 없이 빛이 투과됩니다. 해당 제품은 단면이 연마 및 연삭 가공된 용융 글래스 광섬유 로드입니다. 제품을 글래스 오븐에 넣거나 분젠 버너를 사용하여 골고루 열을 가하면 힘으로 구부릴 수 있습니다. 해당 제품은 광섬유 이미징에 적합합니다. 일관된 광섬유 배열로 이미지를 릴레이하며, 표준 및 고해상도 제품이 다양한 길이로 제공됩니다.

General

Type:	Standard Resolution
Packing Fraction (%):	100.00

Physical & Mechanical Properties

Minimum Bend Radius (mm):	6.4
Diameter Tolerance (inches):	±0.010
Length (mm):	152.40
Number of Fibers:	3012.00
Outer Diameter (mm):	1.60
Length Tolerance (inches):	±0.030

Optical Properties

Numerical Aperture NA:	0.53
Resolution:	20 lp/mm
Transmission (%):	35 - 45
Fiber Diameter (μm):	25.00
Index of Refraction (n_d) - Core:	1.58
Index of Refraction (n_d) - Cladding:	1.49
Wavelength Range (nm):	350 - 1500

Material Properties

Transformation Temperature (°C):	704.00
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Environmental & Durability Factors

Operating Temperature (°C):	454.00
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June 20, 2025

To Whom It May Concern,

This document certifies that the product stated below has been reviewed as requested by Edmund Optics:

재고 번호	제품설명
38-305	152.4mm Standard Res Image Conduit with 25µm Fibers

This item is EU RoHS (2011/65/EU) exempt based on an exemption; for details on the exemptions for this product [contact us](#).

This certification means that:

- EO's suppliers have confirmed the material composition of this product.
- EO has implemented rigorous procedures to document this compliance.
- The information provided may, or may not, be based upon actual test data, or on information from our Vendors, Raw Material Suppliers or Subcontractors.



Jay Budd, Director of Corporate Compliance

June 20, 2025

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Edmund Optics certifies that all articles included in this shipment are in compliance with the terms and conditions of this order. The company also certifies that the articles included in this shipment are in accordance to all agreed upon specifications and quality assurance provisions. Please call 1-800-363-1992 should any questions arise from this shipment.



Jeff Harvey- EVP of Operations

