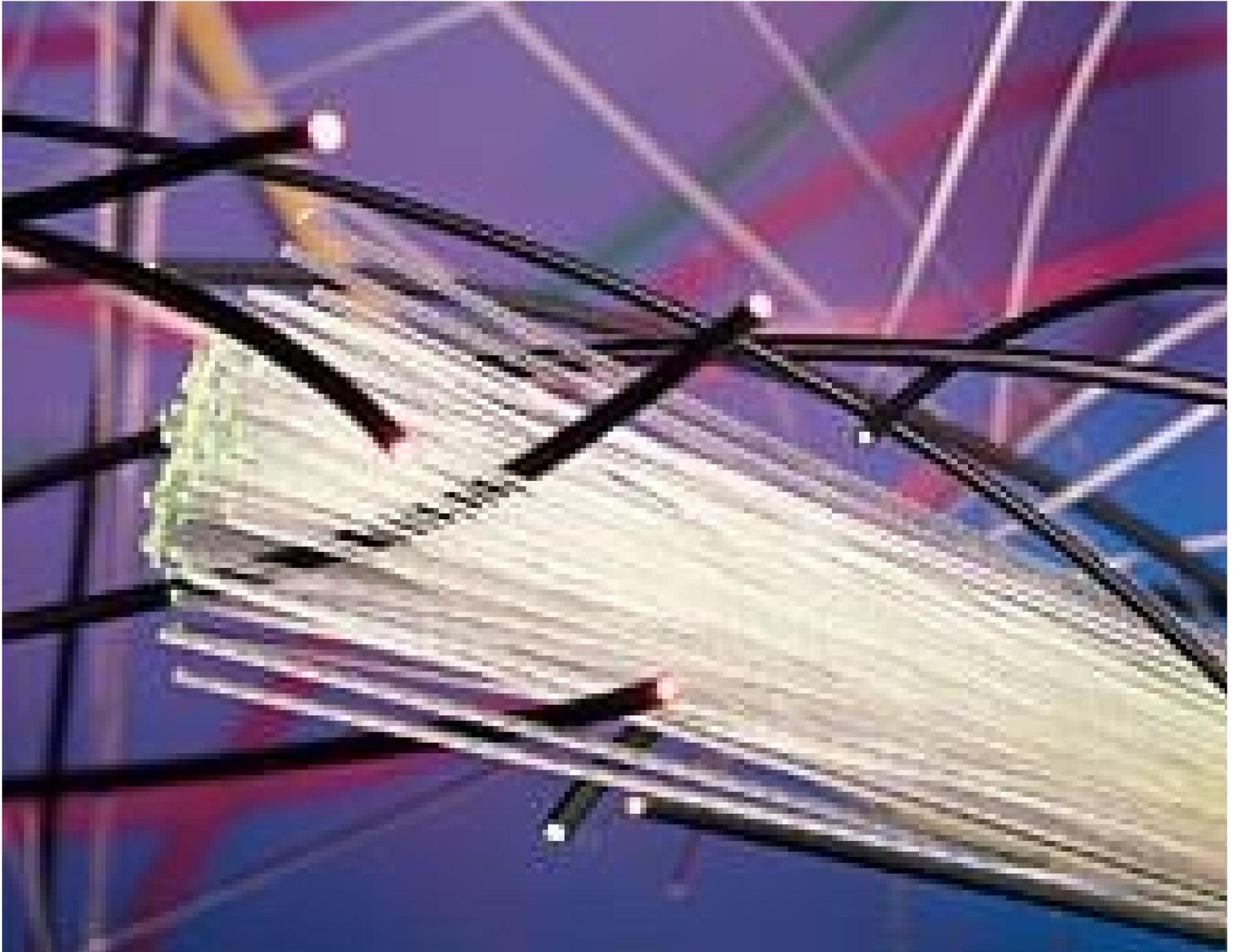


[See all 14 Products in Family](#)

1500µm with 1 Fiber, Optical Grade Plastic Light Guide



Stock #02-550 **20+ In Stock**

⊖ 1 ⊕ ₹331

ADD TO CART

Volume Pricing	
Qty 1+	₹331 each
Need More?	Request Quote

Product Downloads

Physical & Mechanical Properties

55 **Minimum Bend Radius (mm):**

1.00 **Number of Fibers:**

2.2 **Outer Diameter (mm):**

1470.00 **Core Diameter (µm):**

Cut to Order, Minimum 10 **Length (ft):**

Black Polyethylene Jacket

Construction:

±6

Diameter Tolerance (%):

Optical Properties

60.00

Acceptance Angle (°):

Acrylic

Substrate:

0.22

Attenuation (dB/m):

0.50

Numerical Aperture NA:

1500.00

Fiber Diameter (µm):

1.49

Index of Refraction (n₁) - Core:

1.402

Index of Refraction (n₂) - Cladding:

150 - 300 (@650nm)

Attenuation (dB/km):

±0.03

Numerical Aperture (NA) Tolerance:

Environmental & Durability Factors

-55 to +70

Operating Temperature (°C):

Regulatory Compliance

Compliant

RoHS 2015:

View

Certificate of Conformance:

Compliant

Reach 240:

Japan

Country of Origin:

Edmund Optics India Private Limited

Imported By:

Product Details

Price listed is per foot - minimum order is 10 feet per stock number. 3mm Fiber is lower grade ESKA® fiber for commercial applications only.

- Superior Light Transmission
- ESKA® Fiber Strands
- Step Index

Optical Grade Fiber Optics, developed and manufactured by Mitsubishi, are offered in two grades, both with superior optical properties for improved transmission. The core of both is made of acrylic polymer PMMA (polymethyl-methacrylate) and is sheathed with a particular thin layer of fluorine polymer which has a lower refractive index than the fiber core. Optical Grade Fiber Optics are designed to provide higher transmission in the visible region of the spectrum. They can be used for a wide range of applications, from general industrial light guides to short-distance data transmission. The fiber is tough and flexible but is not designed to bear loads.

Note: Price listed is per foot - minimum order is 10 feet per stock number. 3mm Fiber is lower grade ESKA® fiber for commercial applications only.

Technical Information

