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Part Number: [1068022448](#)
Status: **Active**
Overview: Polymicro Optical Fibers
Description: Polymicro Deep UV Optical Fiber, Solarization Resistent, 400um, FDP400440480

Documents:

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Optical Fiber
Series	106802
Application	Industrial, Medical, Research, Scientific, and other
Catalog	www.molex.com/polymicro/catalog
Fiber Series	FDP
More Detailed Tech Information	www.molex.com/polymicro/fdp
Overview	Polymicro Optical Fibers
Polymicro	Yes
Product Name	FDP Optical Fiber
UPC	883906630614
White Paper-Published Articles	www.molex.com/polymicro/whitepapers
Wire/Cable Type	Silica Optical Fiber

Physical

Buffer Diameter	480µm
Buffer Tolerance	± 7µm
Clad Diameter	440µm
Cladding Tolerance	± 9µm
Cladding Type	Doped Silica
Core Diameter	400µm
Core Tolerance	± 8µm
Glass Characteristic	High -OH
Long-Term Bend Radius	N/A
Material - Buffer	Polyimide
Material - Glass	Synthetic Fused Silica
Net Weight	0.376/g
Numerical Aperture	0.22±0.02
Packaging Type	Spool
Proof Tested @ Minimum 100kpsi	100% for Strength
Short-Term Bend Radius	N/A
Temperature Range - Operating	-65° to +250°C
Wavelength Range	190nm +

Material Info

Engineering Number	2002448
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[106802 Series](#)

Use With

Ferrules, Sleeves, SMA Connectors, and
Custom Connectors

Mouser Electronics

Authorized Distributor

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[106802-2448](#)