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Part Number: [1068000059](#)
Status: **Active**
Overview: Polymicro Technologies Optical Fibers
Description: Polymicro Technologies, Optical Fiber, Low OH, VIS-NIR, 150um, FIP150165195

Documents:

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

General

Product Family	Optical Fiber
Series	106800
Application	Industrial, Medical, Research, Scientific, and other
Catalog	www.molex.com/polymicro/catalog
Fiber Series	FIP
More Detailed Tech Information	www.molex.com/polymicro/fi
Overview	Polymicro Technologies Optical Fibers
Polymicro	Yes
Product Name	FIP Optical Fiber
UPC	883906617448
White Paper-Published Articles	www.molex.com/polymicro/whitepapers
Wire/Cable Type	Silica Optical Fiber

Physical

Buffer Diameter	195µm
Buffer Tolerance	± 5µm
Clad Diameter	165µm
Cladding Tolerance	± 3µm
Cladding Type	Doped Silica
Core Diameter	150µm
Core Tolerance	± 3µm
Glass Characteristic	Ultra Low -OH
Long-Term Bend Radius	N/A
Material - Buffer	Polyimide
Material - Glass	Synthetic Fused Silica
Net Weight	0.059/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°C to +300°C
Wavelength Range	380nm - 2,200nm

Material Info

Engineering Number	2000059
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Reviewed

Search Parts in this Series

[106800](#) Series

Use With

Ferrules, Sleeves, SMA Connectors, and Custom Connectors