

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1068000100](#)  
**Status:** **Active**  
**Overview:** Polymicro Optical Fibers  
**Description:** Polymicro Optical Fiber, High -OH, UV, 150um, FVP150165195

**Documents:**

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

**General**

Product Family	Optical Fiber
Series	<a href="#">106800</a>
Application	Industrial, Medical, Research, Scientific, and other
Catalog	<a href="http://www.molex.com/polymicro/catalog">www.molex.com/polymicro/catalog</a>
Fiber Series	FVP
More Detailed Tech Information	<a href="http://www.molex.com/polymicro/fv">www.molex.com/polymicro/fv</a>
Overview	<a href="#">Polymicro Optical Fibers</a>
Polymicro	Yes
Product Name	FVP Optical Fiber
UPC	883906617561
White Paper-Published Articles	<a href="http://www.molex.com/polymicro/whitepapers">www.molex.com/polymicro/whitepapers</a>
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	High -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° to +300°C
Wavelength Range	UV Range Only

**Material Info**

Engineering Number	2000100
--------------------	---------



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

[106800 Series](#)

**Use With**

Ferrules, Sleeves, SMA Connectors, and  
Custom Connectors

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [molex](#) manufacturer:*

Other Similar products are found below :

[60506-C-50](#) [73108](#) [72903](#) [1062837003](#) [0533241060](#) [68301-1017](#) [71506-C](#) [880504](#) [387790039](#) [53254-0710](#) [85071-0017](#) [387204903](#)  
[783472003](#) [514412093](#) [0194180027](#) [0192210405](#) [0191640082](#) [0982660127](#) [0152670317](#) [0192210414](#) [0982670277](#) [0026482195](#)  
[0191310031](#) [503308-4410](#) [0190070015](#) [02-09-6102](#) [0008650814](#) [791099208](#) [0039000218](#) [89762-1403](#) [89762-1542](#) [89762-1582](#)  
[0011404526](#) [00136](#) [0022173102](#) [0026615060](#) [CR4006A30M003](#) [0039532085](#) [58098-0628](#) [0003092041](#) [0008520123](#) [0011030025](#)  
[0011184017](#) [0022162060](#) [0022552102](#) [01312](#) [M15730061](#) [61432](#) [6150300002](#) [CS63W64](#)