

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

**Part Number:** [1068000098](#)  
**Status:** **Active**  
**Overview:** Polymicro Optical Fibers  
**Description:** Polymicro Optical Fiber, High -OH, UV, 100um, FVP100110125

**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	883906617547
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	124µm
Buffer Tolerance	± 3µm
Clad Diameter	110µm
Cladding Tolerance	± 3µm
Cladding Type	Doped Silica
Core Diameter	100µm
Core Tolerance	± 3µm
Glass Characteristic	High -OH
Long-Term Bend Radius	N/A
Material - Buffer	Polyimide
Material - Glass	Synthetic Fused Silica
Net Weight	0.025/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	180nm - 1000nm

**Material Info**

Engineering Number	2000098
--------------------	---------



*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**

[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 [Fibre Optic Cables](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[FPD01SBS200](#) [FPD06SCC200](#) [FPT01SBS200](#) [FPDK01SCC100](#) [FCS-HCP-DUPLEX-50M](#) [FOSP45-C](#) [FURA3-20](#) [FURA4-20/A](#) [FURD3-20/A](#) [FURD4-20/A](#) [FURO6-20/A](#) [FUTA3-20](#) [FUTA3-20/A](#) [FUTA4-20](#) [FUTA4-20/A](#) [FUTD3-20/A](#) [FUTD4-20/A](#) [FUTO3-20/A](#) [FUTS3-20](#) [FUTS3-20/A](#) [FUTS4-20](#) [FUTS4-20/A](#) [943-99595-10030](#) [FUT-FARR25-20](#) [2799445](#) [28320002](#) [28030002](#) [28000002](#) [28020002](#) [28051002](#) [28052002](#) [28351002](#) [28320001](#) [28000001](#) [28020001](#) [AERO-AS04-012-A-0X12026BKTT](#) [AERO-DF03-002-D-0XC18TT](#) [HFBR-EUS100Z](#) [HFBR-RUS100Z](#) [HFBR-RUD100Z](#) [ER-500-1-VC-DCY-02-D0-0LWD](#) [EXO-G0-04-A-0LC32BKTT](#) [EXO-G0-08-A-0LC32GYTT](#) [EXO-G0-12-A-0XC32BKTT](#) [EXO-G0-24-A-0XC32BKTT](#) [MK-AX2-04-SM2](#) [106800-0105](#) [106800-0059](#) [106800-0098](#) [106800-0064](#)