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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 | 106800 |
| Application | Industrial, Medical, Research, Scientific, and other |
| Catalog | www.molex.com/polymicro/catalog |
| Fiber Series | FVP |
| More Detailed Tech Information | www.molex.com/polymicro/fv |
| Overview | Polymicro Optical Fibers |
| Polymicro | Yes |
| Product Name | FVP Optical Fiber |
| UPC | 883906617547 |
| White Paper-Published Articles | www.molex.com/polymicro/whitepapers |
| 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

Mouser Electronics

Authorized Distributor

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[106800-0098](#)