

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

**Part Number:** [1068000105](#)  
**Status:** **Active**  
**Overview:** Polymicro Optical Fibers  
**Description:** Polymicro Optical Fiber, High -OH, UV, 600um, FVP600660710

**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                            | 883906617714                                                                                 |
| 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                | 710µm                  |
| Buffer Tolerance               | ± 10µm                 |
| Clad Diameter                  | 660µm                  |
| Cladding Tolerance             | ± 10µm                 |
| Cladding Type                  | Doped Silica           |
| Core Diameter                  | 600µm                  |
| Core Tolerance                 | ± 10µm                 |
| Glass Characteristic           | High -OH               |
| Long-Term Bend Radius          | N/A                    |
| Material - Buffer              | Polyimide              |
| Material - Glass               | Synthetic Fused Silica |
| Net Weight                     | 0.830/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 - 1150nm         |

**Material Info**

|                    |         |
|--------------------|---------|
| Engineering Number | 2000105 |
|--------------------|---------|



*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