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**Part Number:** [1068031006](#)  
**Status:** **Active**  
**Overview:**  
**Description:** Polymicro Optical Fiber, Silica / Hard Clad, 1000/1035, Tefzel Jacket, JTFLH100010351400

**General**

Product Family	Optical Fiber
Series	<a href="#">106803</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	JTFLH
More Detailed Tech Information	<a href="http://www.molex.com/polymicro/jtflh">www.molex.com/polymicro/jtflh</a>
Overview	polymicro_optical_fibers
Polymicro	Yes
Product Name	JTFLH Optical Fiber
UPC	883906639280
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	1400µm
Buffer Tolerance	± 50µm
Clad Diameter	1035µm
Cladding Tolerance	± 15µm
Cladding Type	PolyClad*
Core Diameter	1000µm
Core Tolerance	± 15µm
Glass Characteristic	Low -OH
Long-Term Bend Radius	120mm
Material - Buffer	Tefzel*
Material - Glass	Synthetic Fused Silica
Net Weight	3.025/g
Numerical Aperture	0.37±0.02
Packaging Type	Spool
Proof Tested @ Minimum 100kpsi	100% for Strength
Short-Term Bend Radius	90mm
Temperature Range - Operating	-65° to +140°C
Wavelength Range	450nm - 2100nm

**Material Info**

**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**

[106803](#) Series

**Use With**

Ferrules, Sleeves, SMA Connectors, and  
Custom Connectors