



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1068000059](#)
Status: **Active**
Overview: Polymicro Technologies Optical Fibers
Description: Polymicro Technologies, Optical Fiber, Low OH, VIS-NIR, 150um, FIP150165195

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 | FIP |
| More Detailed Tech Information | www.molex.com/polymicro/fi |
| Overview | Polymicro Technologies Optical Fibers |
| Polymicro | Yes |
| Product Name | FIP Optical Fiber |
| UPC | 883906617448 |
| White Paper-Published Articles | www.molex.com/polymicro/whitepapers |
| 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 | Ultra Low -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°C to +300°C |
| Wavelength Range | 380nm - 2,200nm |
| Material Info | |
| Engineering Number | 2000059 |



Series image - Reference only

EU ELV
Not Relevant

| | |
|--|---|
| EU RoHS Compliant REACH SVHC Not Contained Per -ED/79/2015 (17 December 2015) Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions. | China RoHS China ROHS ELV RoHS Phthalates |
| | Green Image Not Relevant Not Reviewed |

Search Parts in this Series
[106800 Series](#)

Use With
Ferrules, Sleeves, SMA Connectors, and
Custom Connectors