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Part Number: [1068000909](#)
Status: **Active**
Overview: Polymicro Optical Fibers
Description: Polymicro Optical Fiber, High OH, UV, 1000um, FVA100010501250

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	FVA
More Detailed Tech Information	www.molex.com/polymicro/fv
Overview	Polymicro Optical Fibers
Polymicro	Yes
Product Name	FVA Optical Fiber
UPC	883906617790
White Paper-Published Articles	www.molex.com/polymicro/whitepapers
Wire/Cable Type	Silica Optical Fiber

Physical

Buffer Diameter	1250µm
Buffer Tolerance	± 40µm
Clad Diameter	1050µm
Cladding Tolerance	± 15µm
Cladding Type	Doped Silica
Core Diameter	1000µm
Core Tolerance	± 20µm
Glass Characteristic	High -OH
Long-Term Bend Radius	N/A
Material - Buffer	Acrylate
Material - Glass	Synthetic Fused Silica
Net Weight	2.294/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 +85°C
Wavelength Range	180nm - 1150nm

Material Info

Engineering Number	2000909
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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