

## Micro Connect 1310 125/245 R5 Bend-Insensitive PM Optical Fiber

P/N: 93697



## **Product Description**

- Micro Connect 1310 125/245 is a bend-insensitive, polarizationmaintaining fiber for operation in the O-band.
- Enables compact packaging by supporting bend radii down to 5 mm.
- Tight geometrical control makes it a strong candidate for co-packaged optics and silicon photonics applications.

Product Specifications	
Product Description	Mico Connect 1310 125/245 BI PMF
Optical Characteristics	
Operating Wavelength	1260 - 1360 nm
Cutoff Wavelength	< 1200 nm
Mode Field Diameter @ 1310 nm	$8.5 \pm 0.5  \mu m$
Attenuation @ 1310 nm	≤ 2 dB/km
Beat Length @ 1310 nm	≤ 4 mm
Crosstalk @ 1310 nm, 10 turns, 5 mm radius	≤ -25 dB
Macrobend loss @ 1310 nm 10 turns, 5 mm radius	≤ 0.5 dB
Physical Characteristics	
Cladding Diameter	125 μm ± 1.0 μm
Core/Clad Concentricity Error	≤ 0.5 µm
Clad Non-Circularity	≤ 1.0%
Coating Diameter	245 ± 10 μm
Mechanical and Environmental	
Tensile Proof Test	1.38 GPa (200 kpsi)
Order Information	
Order by Part Number	93697
Regulatory Compliance	REACH and RoHS Compliant
Quality Certification	ISO 9001 Certified

## For additional information please contact your sales representative.

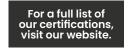
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