

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, polarization-maintaining 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 ± 0.5 μm
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.

You can also visit our website at www.lightera.com
or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.