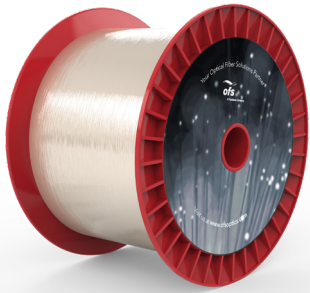




Micro Connect Single-Mode Optical Fiber

P/N 81161



Product Specifications

Product Description **Micro Connect 80-165 Bend Insensitive SMF**

Optical Properties

Operating Wavelength	1310 nm	1550 nm	1625 nm
Attenuation	≤ 0.50 dB/km	≤ 0.30 dB/km	≤ 0.50 dB/km
Mode field diameter	8.6 ± 0.6 μm	9.6 ± 0.5 μm	9.6 ± 0.5 μm
Cable Cut-off Wavelength	≤ 1260 nm	≤ 1260 nm	≤ 1260 nm
Macrobend performance (1 turn @ 5 mm radius)	≤ 0.1 dB	≤ 0.1 dB	≤ 0.25 dB

Physical Properties

Cladding Diameter	80 ± 1.0 μm
Core/Clad Concentricity Error	≤ 0.5 μm
Coating Diameter	165 ± 10 μm
Tensile Proof Test	1.38 GPa

Environmental Characteristics

Order by Part Number **81161**

Product Description **Micro Connect 80-165 SMF**

Regulatory Compliance **REACH and RoHS Compliant**

Quality Certification **ISO 9001 Certified**

NOTE: Specifications in italics are estimations only.

For additional information please contact your sales representative.

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



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