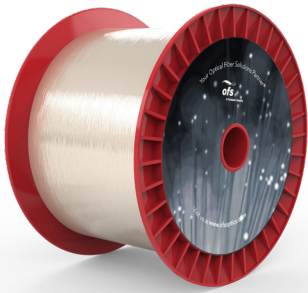




A Furukawa Company

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	<i>TBD</i>
Mode field diameter	8.6 ± 0.6 μm	9.6 ± 0.5 μm	<i>TBD</i>
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 estimates 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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