

## Short Wavelength Fiber

## Product Information

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### FEATURES

High refractive index core  
 Low bending-induced attenuation  
 Low splice loss with erbium-doped fiber

### APPLICATIONS

Coiled fiber application  
 Pump laser diode pigtail  
 Pump laser diode stabilizer  
 WDM Couplers

### SPECIFICATIONS

<b>Product Name</b>	<b>SMF980A</b>	<b>SMF1060A</b>	<b>SMF1060B</b>
Design Wavelength	980 nm or above	980 nm or above	980 nm or above
Cut-off Wavelength	930 ± 50 nm	920 ± 50 nm	920 ± 50 nm
Attenuation @980nm	≤ 3.0 dB/km	≤ 2.5 dB/km	≤ 2.5 dB/km
@1060nm	≤ 3.0 dB/km	≤ 2.0 dB/km	≤ 2.0 dB/km
Numerical Aperture	0.215 ± 0.015	0.17 ± 0.01	0.14 ± 0.01
Mode Field Diameter @980nm	4.2 ± 0.5 μm	4.9 ± 0.5 μm	5.9 ± 0.5 μm
(Petermann II) @1060nm	4.5 ± 0.5 μm	5.2 ± 0.5 μm	6.2 ± 0.5 μm
@1550nm	6.8 ± 0.5 μm	7.9 ± 0.5 μm	9.1 ± 0.5 μm
Cladding Diameter	125 ± 1 μm	125 ± 1 μm	125 ± 1 μm
Coating Diameter	245 ± 10 μm	245 ± 10 μm	245 ± 10 μm
Core/ Cladding Concentricity	≤ 0.8 μm	≤ 0.8 μm	≤ 0.8 μm
Cladding/ Coating Concentricity	< 12 μm	< 12 μm	< 12 μm
Proof Test Length	100 or 200 kpsi Customize	≥ 100 kpsi Customize	≥ 100 kpsi Customize

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