

Short Wavelength Fiber

Product Information

Issue Date: 2005/03/01

APPLICATION

Laser Diode Pigtail
 HeNe laser delivery system
 Medical and sensing application

SPECIFICATIONS

Product Name

Design Wavelength
 Cut-off Wavelength
 Attenuation

SMF630A

600 - 770 nm
 550± 50 nm
 ≤ 25dB / km@630nm ≤ 3dB / km@850nm

SMF850A

820 - 870 nm
 770± 50 nm

Numerical Aperture

0.11 ± 0.01

0.15 ± 0.01

Mode Field Diameter
 (Petermann II)

4.2 ± 0.5 um@630nm 4.2 ± 0.5 um@850nm

Cladding Diameter
 Coating Diameter
 Core/ Cladding Concentricity
 Cladding/ Coating Concentricity

125 ± 1 μm
 245 ± 10 μm
 ≤ 0.8 μm
 < 12 μm

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 245 ± 10 μm
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 < 12 μm

Proof Test
 Length

≥ 100 kpsi
 Customize

≥ 100 kpsi
 Customize

