

1550 nm bend insensitive PANDA (Bending radius 7.5 mm)

Feature

- 1550 nm band polarization maintaining fiber
- Bend insensitive (bending radius 7.5 mm)*

*Optical characteristics is assured.

Common specifications

Mode field diameter	9.0 ± 0.4 μm @ 1550 nm
Concentricity error	≤ 0.5 μm
Cladding diameter	125 ± 1 μm (Major diameter)
Attenuation	≤ 3.0 dB/km @ 1550 nm
Bending loss	≤ 0.2 dB @ 1550 nm, φ15 mm × 10 turns
Cutoff wavelength	≤ 1.44 μm
Polarization crosstalk	≤ -30 dB/100m @ 1550 nm
Bending polarization crosstalk	≤ -30 dB @ 1550 nm, φ15 mm × 10 turns
Beat length	≤ 3.0 mm @ 1550 nm
Minimum bending radius	2% proof : R7.5 mm

Product list

Product	Coating structure	Coating diameter
BISM15-PX-H50D-H	UV curable acrylate /Polyester elastomer (Color : Black)	500 ± 50 μm
BISM15-PX-U25D-H	UV curable acrylate	245 ± 15 μm



Optical Fiber Division
1440, Mutsuzaki, Sakura, Chiba 285-8550, Japan

[http://www.fujikura.co.jp/
optodevice@jp.fujikura.com](http://www.fujikura.co.jp/optodevice@jp.fujikura.com)

Specifications are subject to change without prior notice