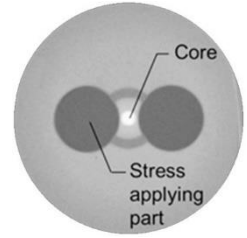


## PANDA Fiber 1550 nm band bend insensitive PANDA (Bending radius 7.5 mm)

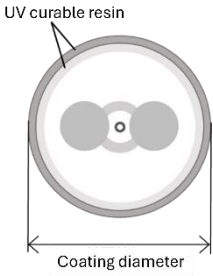
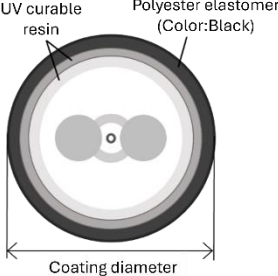
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have a universal quality with not only low polarization crosstalk and low attenuation but also the broad suitability for fusion splice or optical connector.



### Features

- Suitable for 1550 nm band
- Small bending radius (R7.5 mm)
- Low polarization crosstalk and low attenuation
- RoHS compliant

### Specifications

	BISM15-PX-U25D-H	BISM15-PX-H50D-H
Wavelength band	1550 nm band	
Mode field diameter (μm)	9.0 ± 0.4 @ 1550 nm	
Concentricity error (μm)	≤ 0.5	
Cladding diameter(Major diameter) (μm)	125 ± 1	
Attenuation (dB/km)	≤ 3.0 @ 1550 nm	
Cutoff wavelength (nm)	≤ 1440	
Bending attenuation (dB, Φ15 mm × 10 turns)	≤ 0.2 @ 1550 nm	
Polarization crosstalk (dB/100m)	≤ -30 @ 1550 nm	
Bending polarization crosstalk (dB, Φ15 mm×10 turns)	≤ -30 @ 1550 nm	
Beat length (mm)	≤ 3.0 @ 1550 nm	
Minimum bending radius	2 % proof test level: R7.5 mm	
Coating material	UV curable resin	UV curable resin/Polyester elastomer (Color : Black)
Coating diameter (μm)	245 ± 15	500 ± 50
Cross-section image	 <p>UV curable resin</p> <p>Coating diameter</p>	 <p>UV curable resin</p> <p>Polyester elastomer (Color:Black)</p> <p>Coating diameter</p>



Contact us