

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	≤ 1440 nm
Bending polarization crosstalk	≤ -30 dB @ 1550 nm region, 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	Specification number		
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BISM15-PX-H50D-H	UV curable acrylate /Polyester elastomer (Color : Black)	500 ± 50 μm	B-13D0086-9B-	1	1
BISM15-PX-U25D-H	UV curable acrylate	245 ± 15 μm	B-13D0086-9B-	2	1



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Specifications are subject to change without prior notice