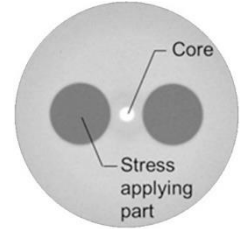


PANDA Fiber 1550 nm band bend insensitive PANDA (Bending radius 15 mm)

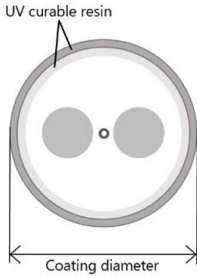
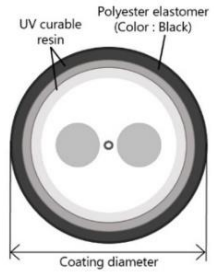
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have 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 (R15 mm)
- Low polarization crosstalk and low attenuation
- RoHS compliant

Specifications

	SRSM15-PX-U25D-H	SRSM15-PX-U40D-H	SRSM15-PX-H50D-H	SRSM15-PX-H90D-H
Wavelength band	1550 nm band			
Mode field diameter (μm)	9.5 ± 0.4 @ 1550 nm			
Concentricity error (μm)	≤ 0.5			
Cladding diameter(Major diameter) (μm)	125 ± 1			
Attenuation (dB/km)	≤ 0.5 @ 1550 nm			
Cutoff wavelength (nm)	≤ 1440			
Bending attenuation (dB, Φ30 mm × 10 turns)	≤ 0.5 @ 1550 nm			
Polarization crosstalk (dB/100m)	≤ -30 @ 1550 nm		≤ -25 @ 1550 nm	≤ -30 @ 1550 nm
Bending polarization crosstalk (dB, Φ30 mm×10 turns)	≤ -30 @ 1550 nm		≤ -25 @ 1550 nm	≤ -30 @ 1550 nm
Beat length (mm)	2.0 – 5.0 @ 1550 nm			
Minimum bending radius	2 % proof test level: R15 mm			
Coating material	UV curable resin		UV curable resin/Polyester elastomer (Color : Black)	
Coating diameter (μm)	245 ± 15	400 ± 15	500 ± 50	900 ± 100
Cross-section image				



Contact us