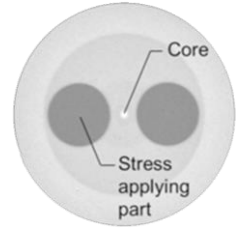


PANDA Fiber Polyimide coated PANDA

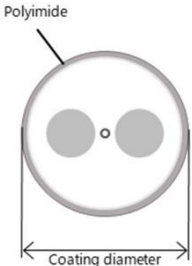
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have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



Features

- Polyimide coated PANDA usable in wide range of temperature between -60 °C and +300 °C
- Low polarization crosstalk and low attenuation
- RoHS compliant

Specifications

	SM98-PS-Y15	SRS15-PS-Y15
Wavelength band	980 nm band	1550 nm band
Mode field diameter (μm)	6.6 ± 0.5 @ 980 nm	9.4 ± 1.0 @ 1550 nm
Concentricity error (μm)	≤ 0.5	
Cladding diameter(Major diameter) (μm)	125 ± 1	
Attenuation (dB/km)	≤ 2.5 @ 980 nm	≤ 2.0 @ 1550 nm
Cutoff wavelength (nm)	870 – 950	≤ 1440
Polarization crosstalk (dB/5m)	≤ -25 @ 980 nm	≤ -25 @ 1550 nm
Beat length (mm)	1.5 – 2.7 @ 980 nm	≤ 4.0 @ 1550 nm
Minimum bending radius	1 % proof test level: R30 mm	
Coating material	Polyimide (Single layer)	
Coating diameter (μm)	145 ± 10	
Cross-section image	 <p>A detailed cross-section diagram of a PANDA fiber. It shows two dark gray cores within a light gray cladding. The cladding is surrounded by a thin, dark gray layer labeled 'Polyimide'. A horizontal double-headed arrow at the bottom indicates the 'Coating diameter'. The diagram is centered within a larger rectangular frame.</p>	



Contact us