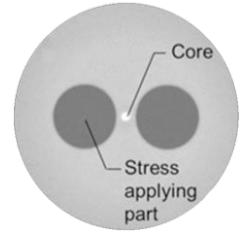


PANDA Fiber 850 nm band PANDA

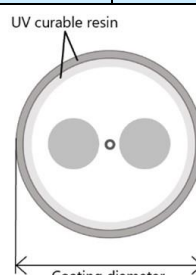
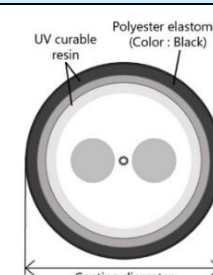
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have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



Features

- Suitable for 850 nm band
- Low polarization crosstalk and low attenuation
- RoHS compliant

Specifications

	SM85-PS-U25D	SM85-PS-U40D	SM85-PS-H90D
Wavelength band	850 nm band		
Mode field diameter (μm)	5.5 ± 0.5 @ 850 nm		
Concentricity error (μm)	≤ 0.5		
Cladding diameter(Major diameter) (μm)	125 ± 1		
Attenuation (dB/km)	≤ 3.0 @ 850 nm		
Cutoff wavelength (nm)	650 – 800		
Polarization crosstalk (dB/100m)	≤ -30 @ 850 nm		
Beat length (mm)	1.0 – 2.0 @ 850 nm		
Minimum bending radius	1 % proof test level: R30 mm(*1) / 2 % proof test level: R20 mm		
Coating material	UV curable resin		UV curable resin/Polyester elastomer (Color : Black)
Coating diameter (μm)	245 ± 15	400 ± 15	900 ± 100
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>

*1. 1% proof test level is standard. 2% proof test level is available, and code '-H' is added at the end of the product name. (e.g., SM85-PS-U25D-H)



Contact us