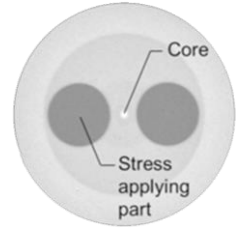


PANDA Fiber 530 nm band PANDA

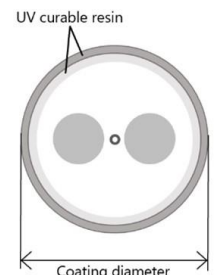
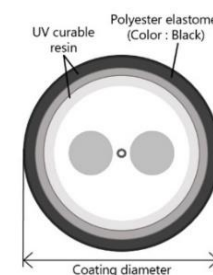
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have 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 530 nm band
- Low polarization crosstalk and low attenuation
- RoHS compliant

Specifications

	SM53-PS-U40D	SM53-PS-H90D
Wavelength band	530 nm band	
Mode field diameter (μm)	4.2 ± 0.5 @ 630 nm	
Concentricity error (μm)	≤ 0.5	
Cladding diameter(Major diameter) (μm)	125 ± 1	
Attenuation (dB/km)	≤ 15 @ 630 nm	
Cutoff wavelength (nm)	450 – 530	
Polarization crosstalk (dB/100m)	≤ -30 @ 630 nm	
Beat length (mm)	≤ 2.0 @ 630 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)	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., SM53-PS-U40D-H)



Contact us