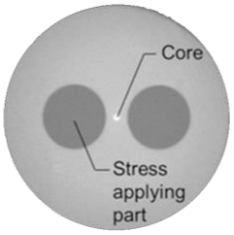
PANDA Fiber 630 nm band PANDA

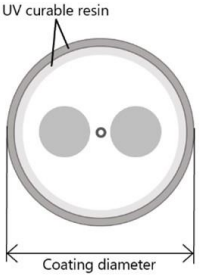
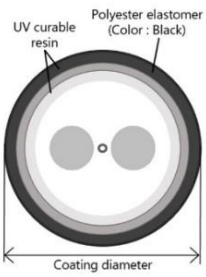
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have 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 630 nm band
- Low polarization crosstalk and low attenuation
- RoHS compliant

Specifications

	SM63-PS-U25D	SM63-PS-U40D	SM63-PS-H90D
Wavelength band	630 nm band		
Mode field diameter (μm)	4.5 ± 0.5 @ 630 nm		
Concentricity error (μm)	≤ 0.5		
Cladding diameter(Major diameter) (μm)	125 ± 1		
Attenuation (dB/km)	≤ 12 @ 630 nm		
Cutoff wavelength (nm)	520 – 620		
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)	245 ± 15	400 ± 15	900 ± 100
Cross-section image			

***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., SM63-PS-U25D-H)

Contact us

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