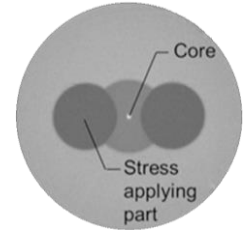


PANDA Fiber RGB band PANDA

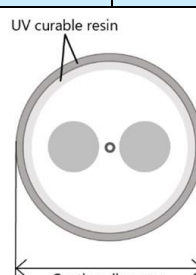
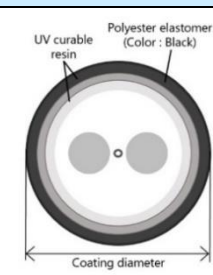
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have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

Specifications

	SC40-PX-U25D-H (RGB)	SC40-PX-U40D-H (RGB)	SC40-PX-H90D-H (RGB)
Wavelength band	RGB band		
Mode field diameter (μm)	2.3 ± 0.6 @ 0.41 μm , 3.8 ± 1.0 @ 0.63 μm		
Concentricity error (μm)	≤ 0.5		
Cladding diameter(Major diameter) (μm)	125 ± 1		
Attenuation (dB/km)	≤ 50 @ 0.41 μm		
Cutoff wavelength (nm)	≤ 400		
Bending polarization crosstalk (dB, Φ60mm x 10 turns)	≤ -30 @ 0.63 μm		
Beat length (mm)	≤ 2.0 @ 0.63 μm		
Minimum bending radius	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			



Contact us