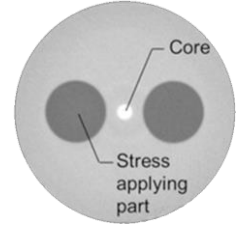


## PANDA Fiber 1310 nm band PANDA

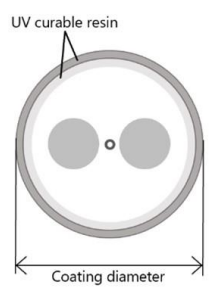
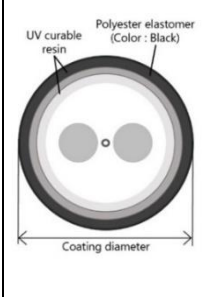
Fujikura PANDA fibers (Polarization-maintaining AND Absorption-reducing fiber) have a superior optical property in polarization-maintaining because of the symmetrical accuracy in cross section and the uniform constitution of stress applying parts. Based on Fujikura's fiber technology, PANDA fibers have 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 1310 nm band
- Low polarization crosstalk and low attenuation
- RoHS compliant

### Specifications

	HA13-PS-U25D	SM13-PS-U25D	S0M13-PS-U40D	SM13-PS-H90D
Wavelength band	1310 nm band			
Mode field diameter (μm)	5.5 ± 1.0 @ 1310 nm	9.0 ± 0.5 @ 1310 nm		
Concentricity error (μm)	≤ 0.5			
Cladding diameter(Major diameter) (μm)	125 ± 1			
Attenuation (dB/km)	≤ 2.0 @ 1310 nm	≤ 1.0 @ 1310 nm		
Cutoff wavelength (nm)	1000 – 1290	1130 – 1270		
Polarization crosstalk (dB/100m)	≤ -30 @ 1310 nm			
Beat length (mm)	≤ 2.5 @ 1310 nm	2.5 – 4.0 @ 1310 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., SM13-PS-U25D-H)



Contact us