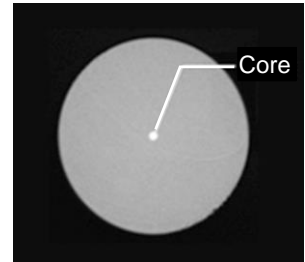


## Single Mode fiber (850 nm band)

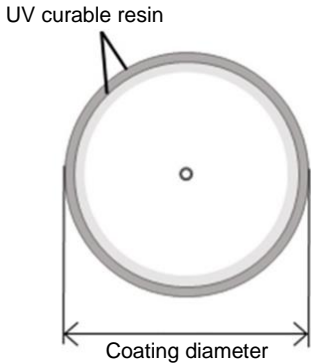
Fujikura fibers have a structure suitable for fusion splicing and optical connectors based on fiber design and manufacturing technologies developed over many years.



### Features

- 850 nm band single mode fiber
- RCHA85-SM-U17C is 80 μm cladding diameter and High refractive index type.
- RoHS compliant

### Specifications

	SM85-SM-U25D	RCHA85-SM-U17C
Wavelength band	850 nm band	
Mode field diameter (μm)	5.5 ± 1.0 @ 850 nm	3.5 ± 0.5 @ 850 nm
Concentricity error (μm)	≤ 0.7	≤ 1.0
Cladding diameter (Major diameter) (μm)	125 ± 1	80 ± 1
Attenuation (dB/km)	≤ 3.0 @ 850 nm	
Cutoff wavelength (μm)	≤ 0.78	0.65 – 0.80
Minimum bending radius	1% proof test level : R30 mm (*1) 2% proof test level : R20 mm	
Coating material	UV curable resin	
Coating diameter (μm)	245 ± 15	
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., SM85-SM-U25D-H)



Contact us