

Single Mode fiber (850 nm band)

Feature

- 850 nm band single mode optical fiber
- RCHA85-SM-U17C is small diameter and high N.A. type.

Common specifications

Attenuation	≤ 3.0 dB/km @ 850 nm
Coating structure	UV curable acrylate Notice : UV curable acrylate resin type differs between D and C. (Last character of each product name)

Product list

Product*	Mode field diameter	Concentricity error	Cladding diameter	Cutoff wavelength	Coating diameter	Minimum bending radius	Specification number		
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SM85-SM-U25D	5.5 ± 1.0 μm @ 850 nm	≤ 0.7 μm	125 ± 1 μm	≤ 0.78 μm	245 ± 15 μm	1% proof : R30 mm	B-13D0086-15A-	1	0
SM85-SM-U25D-H						2% proof : R20 mm			
RCHA85-SM-U17C	3.5 ± 0.5 μm @ 850 nm	≤ 1.0 μm	80 ± 1 μm	0.65 - 0.80 μm	165 ± 15 μm	1% proof : R15 mm	B-13D0086-15A-	3	0
RCHA85-SM-U17C-H						2% proof : R15 mm			

*2% proof test type is available, and code '-H' is added at the end of the product name. (e.g. SM15-PS-U40D-H)



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Specifications are subject to change without prior notice