

## 850 nm band PANDA

### Feature

- 850 nm band polarization maintaining fiber

### Common specifications

Mode field diameter	5.5 ± 0.5 μm @ 850 nm
Concentricity error	≤ 0.5 μm
Cladding diameter	125 ± 1 μm (Major diameter)
Attenuation	≤ 3.0 dB/km @ 850 nm
Cutoff wavelength	0.65 - 0.80 μm
Polarization crosstalk	≤ -30 dB/100m @ 850 nm
Beat length	1.0 - 2.0 mm @ 850 nm
Minimum bending radius	1% proof : R30 mm 2% proof : R20 mm*

### Product list

Product*	Coating structure	Coating diameter	Specification number		
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SM85-PS-H90D	UV curable acrylate /Polyester elastomer (Color : Black)	900 ± 100 μm	B-13D0086-5B-	1	0
SM85-PS-H90D-H			B-13D0086-5B-	2	0
SM85-PS-U40D	UV curable acrylate	400 ± 15 μm	B-13D0086-5B-	3	0
SM85-PS-U40D-H			B-13D0086-5B-	4	0
SM85-PS-U25D		245 ± 15 μm	B-13D0086-5B-	5	0
SM85-PS-U25D-H			B-13D0086-5B-	6	0

\*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