

## 1400 nm band PANDA

### Feature

- 1400 nm band polarization maintaining fiber

### Common specifications

Mode field diameter	9.8 ± 0.5 μm @ 1450 nm
Concentricity error	≤ 0.5 μm
Cladding diameter	125 ± 1 μm (Major diameter)
Attenuation	≤ 1.0 dB/km @ 1450 nm
Cutoff wavelength	1.26 – 1.38 μm
Polarization crosstalk	≤ -30 dB/100m @ 1550 nm
Beat length	2.8 - 4.7 mm @ 1450 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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SM14-PS-H90D	UV curable acrylate /Polyester elastomer (Color : Black)	900 ± 100 μm	B-13D0086-8C-	1	0
SM14-PS-H90D-H			B-13D0086-8C-	2	0
SM14-PS-U40D	UV curable acrylate	400 ± 15 μm	B-13D0086-8C-	3	0
SM14-PS-U40D-H			B-13D0086-8C-	4	0
SM14-PS-U25D		245 ± 15 μm	B-13D0086-8C-	5	0
SM14-PS-U25D-H			B-13D0086-8C-	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