

1550 nm band PANDA

Feature

- 1550 nm band polarization maintaining fiber

Common specifications

Mode field diameter	10.5 ± 0.5 μm @ 1550 nm
Concentricity error	≤ 0.5 μm
Cladding diameter	125 ± 1 μm (Major diameter)
Attenuation	≤ 0.5 dB/km @ 1550 nm
Cutoff wavelength	1.30 – 1.44 μm
Polarization crosstalk	≤ -30 dB/100m @ 1550 nm
Beat length	3.0 - 5.0 mm @ 1550 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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SM15-PS-H90D	UV curable acrylate /Polyester elastomer (Color : Black)	900 ± 100 μm	B-13D0086-11B-	1	0
SM15-PS-H90D-H			B-13D0086-11B-	2	0
SM15-PS-U40D	UV curable acrylate	400 ± 15 μm	B-13D0086-11B-	3	0
SM15-PS-U40D-H			B-13D0086-11B-	4	0
SM15-PS-U25D		245 ± 15 μm	B-13D0086-11B-	5	0
SM15-PS-U25D-H			B-13D0086-11B-	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