

1550 nm bend insensitive PANDA (Bending radius 15 mm)

Feature

- 1550 nm band polarization maintaining fiber
- Bend insensitive (bending radius 15 mm)*

*Optical characteristics is assured.

Common specifications

Mode field diameter	9.5 ± 0.4 μm @ 1550 nm
Concentricity error	≤ 0.5 μm
Cladding diameter	125 ± 1 μm (Major diameter)
Attenuation	≤ 0.5 dB/km @ 1550 nm
Bending loss	≤ 0.5 dB @ 1550 nm, φ30 mm × 10 turns
Cutoff wavelength	≤ 1.44 μm
Beat length	2.0 - 5.0 mm @ 1550 nm
Minimum bending radius	2% proof : R15 mm

Product list

Product	Polarization crosstalk	Bending polarization crosstalk	Coating structure	Coating diameter	Specification number		
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SRSM15-PX-H90D-H	≤ -30 dB/100m @ 1550 nm	≤ -30 dB @ 1550 nm, φ30 mm × 10 turns	UV curable acrylate /Polyester elastomer (Color : Black)	900 ± 100 μm	B-13D0086-10B-	1	0
SRSM15-PX-H50D-H	≤ -25 dB/100m @ 1550 nm	≤ -25 dB @ 1550 nm, φ30 mm × 10 turns		500 ± 50 μm	B-13D0086-10B-	2	0
SRSM15-PX-U40D-H	≤ -30 dB/100m @ 1550 nm	≤ -30 dB @ 1550 nm, φ30 mm × 10 turns	UV curable acrylate	400 ± 15 μm	B-13D0086-10B-	3	0
SRSM15-PX-U25D-H				245 ± 15 μm	B-13D0086-10B-	4	0



Optical Fiber Division
1440, Mutsuzaki, Sakura, Chiba 285-8550, Japan

<http://www.fujikura.co.jp/>
optodevice@jp.fujikura.com

Specifications are subject to change without prior notice