

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
SM85-PS-H90D	UV curable acrylate /Polyester elastomer (Color : Black)	900 ± 100 μm
SM85-PS-U40D	UV curable acrylate	400 ± 15 μm
SM85-PS-U25D		245 ± 15 μm

*1% proof test type is standard. 2% proof test type is available, and code '-H' is added at the end of the product name. (e.g. SM15-PS-U40D-H)



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