

## 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
SM15-PS-H90D	UV curable acrylate /Polyester elastomer (Color : Black)	900 ± 100 μm
SM15-PS-U40D	UV curable acrylate	400 ± 15 μm
SM15-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)



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Specifications are subject to change without prior notice