

## 0.41 $\mu\text{m}$ band PANDA

### Feature

- 0.41  $\mu\text{m}$  band polarization maintaining fiber

### Common specifications

Mode field diameter	3.5 $\pm$ 0.5 $\mu\text{m}$ @ 0.41 $\mu\text{m}$
Concentricity error	$\leq$ 0.5 $\mu\text{m}$
Cladding diameter	125 $\pm$ 1 $\mu\text{m}$ (Major diameter)
Attenuation	$\leq$ 50 dB/km @ 0.41 $\mu\text{m}$
Cutoff wavelength	0.33 - 0.40 $\mu\text{m}$
Polarization crosstalk	$\leq$ -30 dB/100m @ 0.41 $\mu\text{m}$
Beat length	$\leq$ 1.7 mm @ 0.41 $\mu\text{m}$
Minimum bending radius	1% proof : R30 mm 2% proof : R20 mm*

### Product list

Product*	Coating structure	Coating diameter	Specification number		
			---	ID	Rev
SC40-PS-H90D	UV curable acrylate /Polyester elastomer (Color : Black)	900 $\pm$ 100 $\mu\text{m}$	B-13D0086-1C-	1	0
SC40-PS-H90D-H			B-13D0086-1C-	2	0
SC40-PS-U40D	UV curable acrylate	400 $\pm$ 15 $\mu\text{m}$	B-13D0086-1C-	3	0
SC40-PS-U40D-H			B-13D0086-1C-	4	0
SC40-PS-U25D		245 $\pm$ 15 $\mu\text{m}$	B-13D0086-1C-	5	0
SC40-PS-U25D-H			B-13D0086-1C-	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)



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

<http://www.fujikura.co.jp/>  
[optodevice@jp.fujikura.com](mailto:optodevice@jp.fujikura.com)

Specifications are subject to change without prior notice