

### In Line Phase Shifter

		Customer:
Spec. Number		
Date	2020-12-10	
Part Number		

#### Specifications

Operating wavelength (nm)	1550
Operating Wavelength Range (nm)	±15
Max. Insertion loss (dB)	0.8
Rotation Angle (degree)	0 or 45 or 90
Max. Rotation Angle Tolerance, $\lambda_c, 23\text{ }^\circ\text{C}$ (degree)	±1
Optical Phase Delay	$\pi, \pi/2, \pi/4,$
Min. Extinction ratio (dB)	≥20
Return loss (dB)	≥50
Fiber Type	PM1550 Panda Fiber
Max. Power Handling (mW)	300
Max. Tensile Load(N)	5
Operating temperature $^\circ\text{C}$	-5 $^\circ\text{C}$ ~ + 70 $^\circ\text{C}$
Storage temperature $^\circ\text{C}$	-40 $^\circ\text{C}$ ~ + 85 $^\circ\text{C}$
Package Dimensions (mm)	Φ5.5× L35

#### Ordering Information

IPD	Wavelength	Phase Delay	Rotation Angle	0	Pigtail Type	Fiber Type	Length	Connector
	1550=1550	1= $\pi$ , H= $\pi/2$ 3= $\pi/4$	0= degree 45=45 degree 90= 90 degree		0=250um bare fiber 1=0.9mm loose tube	5=PM fiber	6=0.65 8=0.80 1=1m	0=None 1=FC/UPC 2=FC/APC XX=Other