



## In Line Phase Shifter

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

### Specifications

Operating wavelength (nm)	1550
Operating Wavelength Range (nm)	$\pm 15$
Max. Insertion loss (dB)	0.8
Rotation Angle (degree)	0 or 45 or 90
Max. Rotation Angle Tolerance, $\lambda_c, 23^\circ\text{C}$ (degree)	$\pm 1$
Optical Phase Delay	$\pi, \pi/2, \pi/4,$
Min. Extinction ratio (dB)	$\geq 20$
Return loss (dB)	$\geq 50$
Fiber Type	PM1550 Panda Fiber
Max. Power Handling (mW)	300
Max. Tensile Load(N)	5
Operating temperature $^\circ\text{C}$	$-5^\circ\text{C} \sim +70^\circ\text{C}$
Storage temperature $^\circ\text{C}$	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Package Dimensions (mm)	$\Phi 5.5 \times L35$

### 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= degree	90	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