

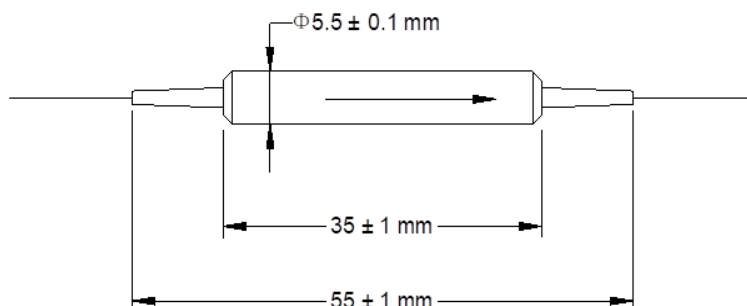
## 1064 nm Polarization Insensitive Isolator (PSSI & PDSI Series)

### Specifications

Parameter	Unit	Single Stage				Dual Stage			
		1030	1040	1053	1064	1030	1040	1053	1064
Center Wavelength ( $\lambda_c$ )	nm	1030	1040	1053	1064	1030	1040	1053	1064
Typ. Insertion Loss, $\lambda_c$ , 23 °C	dB	3	2.3	1.9	1.7	4.6	4.1	3.3	2.7
Max. Insertion Loss, $\lambda_c$ , all temperature	dB	3.6	2.7	2.3	2	7.4	4.8	4	3.4
Typ. Peak Isolation	dB	23	25	32	38	48	50	50	55
Min. Isolation, $\lambda_c$ , 23 °C	dB	20	22	26	32	40	40	42	45
Min. Return Loss (Input/Output)	dB	55/50							
Max. Polarization Dependent Loss, 23 °C	dB	0.15							
Max. Average Optical Power	mW	50	100	200	300	50	100	200	300
Max. Peak Power for ns Pulse	kW	10							
Max. Tensile Load	N	5							
Fiber Type		HI1060 fiber or Specify							
Operating Temperature	°C	-5 to +50							
Storage Temperature	°C	-40 to +85							

IL is 0.3 dB higher, RL is 5 dB lower and Optical Power is 1W only for each connector added.

### Package Dimensions



### Ordering Information

**PSSI-①-②-③-④-⑤-⑥-⑦**

**PDSI-①-②-③-④-⑤-⑥-⑦**

①: Wavelength	03 - 1030 nm, 04 - 1040 nm, 05 - 1053 nm, 06 - 1064 nm, SS - Specify
②: Connector Type	1 - FC/UPC, 2 - FC/APC, N - None, S - Specify
③: Fiber Jacket	B - Bare fiber, L - 900 $\mu$ m loose tube, S - Specify
④: Fiber Type for Input	1 - HI1060 fiber, 2 - FUD-3584 10/125 fiber, S - Specify
⑤: Fiber Type for Output	1 - HI1060 fiber, 2 - FUD-3584 10/125 fiber, S - Specify
⑥: Fiber Length	1 - 1.0 m, S - Specify
⑦: Power Type	P - Pulse application, C - Continuous wave