

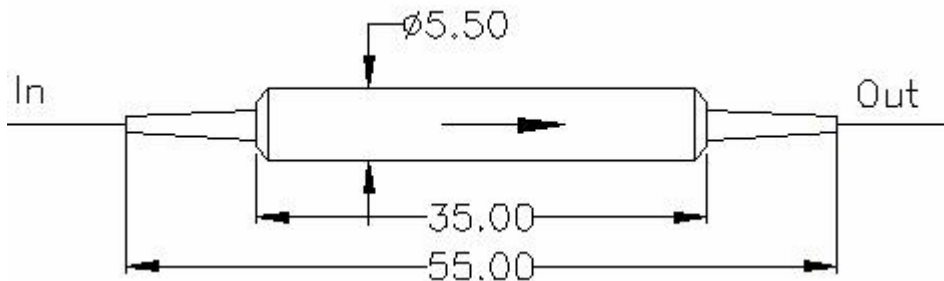
Polarization Insensitive Isolator (1064nm)

Features	
High Isolation Low Insertion Loss & Low PDL High Stability and Reliability	
Application	
Fiber Laser	

Specifications

Parameter	Unit	Single Stage		Dual Stage	
		P	A	P	A
Grade		P	A	P	A
Operating Wavelength	nm	1064			
Bandwidth	nm	±5			
Peak Isolation	dB	40	38	55	52
Isolation at 23°C	dB	≥30	≥28	≥45	≥42
Typ. Insertion Loss ($\lambda_c, 23^\circ\text{C}$ all sop)	dB	1.4	1.5	2.3	2.5
Insertion Loss ($\lambda_c, -5 \sim +50^\circ\text{C}$ all sop)	dB	≤1.8	≤2.0	≤3.2	≤3.4
PDL at 23°C	dB	≤0.15	≤0.15	≤0.15	≤0.15
Return Loss	dB	≥55/50	≥55/50	≥55/50	≥55/50
Power Handling	mW	≤300			
Fiber Type		HI 1060			
Operating Temperature	°C	-5~ +50			
Storage Temperature	°C	-40 ~ +80			
Dimensions	mm	φ5.5×L35			

Package Dimensions:



Ordering Information

IS	Type	Grade	Wavelength	Pigtail Type	Fiber Type	Length	Connector	Package size
	S= Single stage D = Dual Stage	P A	1064	250=250um bare fiber 900=900um loose tube	4=HI1060	0.8=0.8 1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other	5.5x35