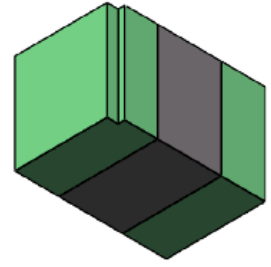


## Latching Isolator

Auxora's free space isolator is used to minimize back reflection & scattering in the reverse direction, it is a low cost product with excellent performance including low IL, high isolation.



### FEATURES

- Low insertion loss
- High isolation
- High stable & reliable
- Versatile package
- Polarization Dependent

### APPLICATIONS

- Optical transmitter and transceiver
- 2.5G ~400G module
- Tunable Laser Module

### SPECIFICATIONS

Parameters	Unit	Value	
		Single Stage	Dual Stage
Operating Wavelength Range	nm	1270~1610nm/Customized	
Insertion Loss	dB	≤ 0.3	≤ 0.5
Peak Isolation (@23°C)	dB	≥ 35	≥ 55
Isolation (@-20~85°C)	dB	≥ 22	≥ 40
Maximum Power Handling	mW	300	
Operating Temperature	°C	-20 ~ 85	
Storage Temperature	°C	-40 ~ 85	

### Ordering Information: (e.g.AFSI-LS05031X)

AFSI-	X	X	XXX	XX	X
	Latching	Stage	CA	Wavelength Range	Incident angle
	L=Latching	S=Single Stage	040=0.40mm	31=1310nm	0=0
		D=Dual Stage	045=0.45mm	55=1550nm	6=6
			050=0.50mm	XX= Customized	7=7
			.....		X=Customized